ERRATA

The following corrections should be noted in your copy of General Bulletin No. 445, "Pennsylvania's Farms, Crops and Livestock":

* * * * *

TABLE	PAGE	ITEM		
46	73	Production, Bucks Co.,	1925	664,000
46	73	Acreage, Montgomery Co.,	1926	21,410
68	94	Production,	1921	21,586,000
84	106	Production, W. C. District,	1926	408,300
		Production, Philadelplia Co.,	1926	3,800
104	129	Farms reporting alfalfa, Mifflin Co.		11.5
135	170	Year, 2nd production column		1926

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Bulletin
Pennsylvania Department of Agriculture
Harrisburg, Pa.

Vol. 10 MAY 1, 1927 No. 9

General Bulletin No. 445

Pennsylvania's Farms, Crops and Livestock 1926

Annual Statistical Review of Agriculture by the
Pennsylvania Federal-State Crop Reporting Service

THE UNITED STATES DEPARTMENT OF AGRICULTURE
DIVISION OF CROP AND LIVESTOCK ESTIMATES
CO-OPERATING WITH
THE PENNSYLVANIA DEPARTMENT OF AGRICULTURE
BUREAU OF STATISTICS

C. G. JORDAN, *Secretary of Agriculture*
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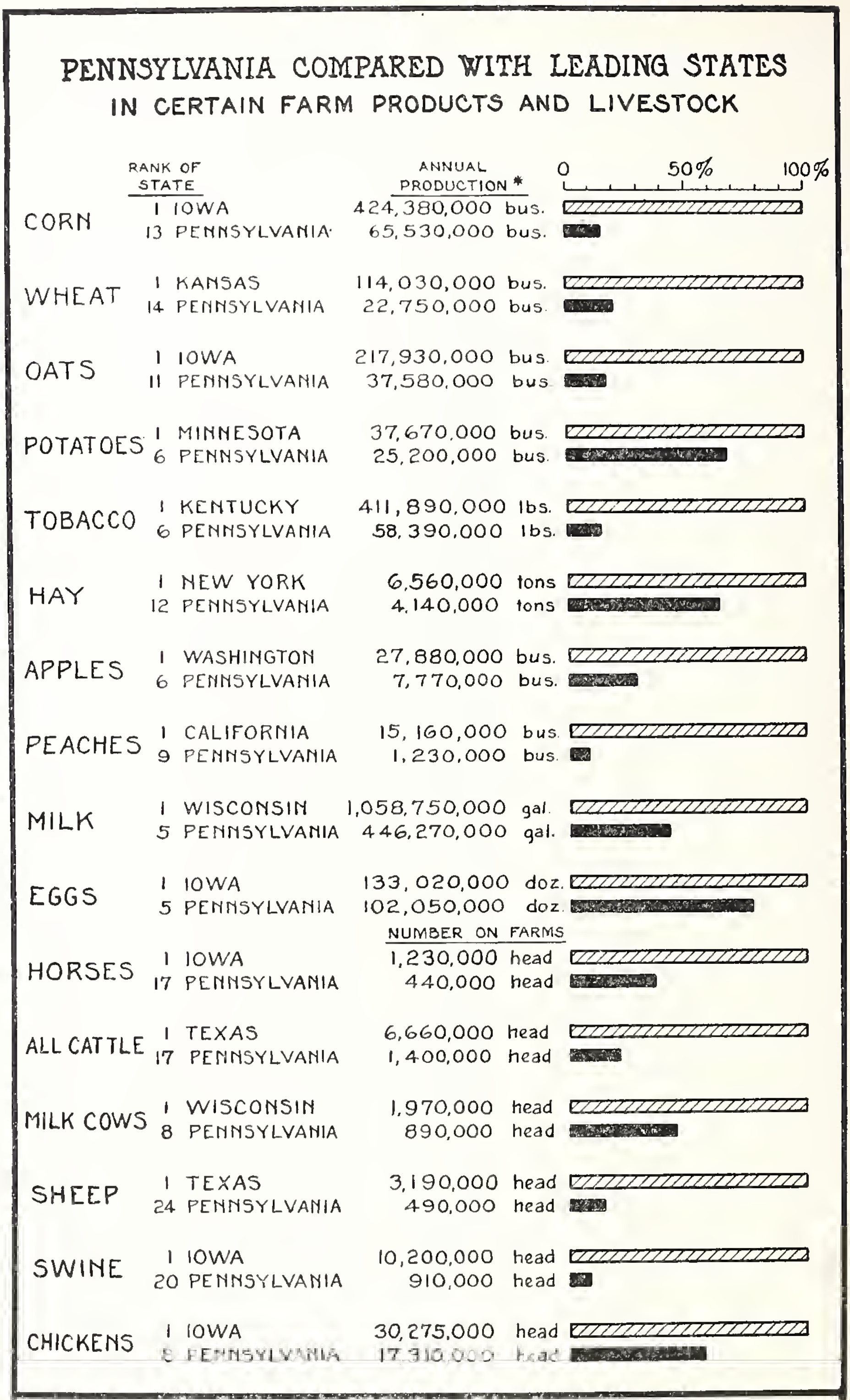
Published semi-monthly by direction of the Secretary. Entered as second class matter, March 22, 1918, at the Post Office at Harrisburg, Pa., under the Act of June 6, 1900. Acceptance for mailing at special rate of postage provided for in Section 1103, Act of October 3, 1917, authorized on June 29, 1918.



PENNSYLVANIA COMPARED WITH LEADING STATES
IN CERTAIN FARM PRODUCTS AND LIVESTOCK

	RANK OF STATE	ANNUAL PRODUCTION *
CORN	1 IOWA	424,380,000 bus.
	13 PENNSYLVANIA	65,530,000 bus.
WHEAT	1 KANSAS	114,030,000 bus.
	14 PENNSYLVANIA	22,750,000 bus.
OATS	1 IOWA	217,930,000 bus.
	11 PENNSYLVANIA	37,580,000 bus.
POTATOES	1 MINNESOTA	37,670,000 bus.
	6 PENNSYLVANIA	25,200,000 bus.
TOBACCO	1 KENTUCKY	411,890,000 lbs.
	6 PENNSYLVANIA	58,390,000 lbs.
HAY	1 NEW YORK	6,560,000 tons
	12 PENNSYLVANIA	4,140,000 tons
APPLES	1 WASHINGTON	27,880,000 bus.
	6 PENNSYLVANIA	7,770,000 bus.
PEACHES	1 CALIFORNIA	15,160,000 bus.
	9 PENNSYLVANIA	1,230,000 bus.
MILK	1 WISCONSIN	1,058,750,000 gal.
	5 PENNSYLVANIA	446,270,000 gal.
EGGS	1 IOWA	133,020,000 doz.
	5 PENNSYLVANIA	102,050,000 doz.
		NUMBER ON FARMS
HORSES	1 IOWA	1,230,000 head
	17 PENNSYLVANIA	440,000 head
ALL CATTLE	1 TEXAS	6,660,000 head
	17 PENNSYLVANIA	1,400,000 head
MILK COWS	1 WISCONSIN	1,970,000 head
	8 PENNSYLVANIA	890,000 head
SHEEP	1 TEXAS	3,190,000 head
	24 PENNSYLVANIA	490,000 head
SWINE	1 IOWA	10,200,000 head
	20 PENNSYLVANIA	910,000 head
CHICKENS	1 IOWA	30,275,000 head
	8 PENNSYLVANIA	17,310,000 head

*Based on estimates of Pennsylvania Federal-State Crop Reporting Service; for crop production, 1921-1925, and numbers of live stock, 1922-1926. Milk, chickens and eggs from 1925 United States Census.

FIG. 1—Pennsylvania, a Mining, Manufacturing and Industrial Titan, Compares Well with Leading Agricultural States in Farm Products and Livestock

Pennsylvania's
Farms, Crops and Livestock, 1926

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PENNSYLVANIA AN AGRICULTURAL STATE

C. G. Jordan

Secretary of Agriculture

The story of Pennsylvania agriculture has been whispered in the ear of the world while that of her other industries has been shouted from the house tops. Is there any story about Pennsylvania agriculture to be told worth hearing? Listen!

The capital invested in agriculture in our State is only second to that invested in any other industry. The value of the steam railroads in Pennsylvania is $2,155,558,395; of our farms and farm equipment, $1,460,702,270; of our mines and quarries, $1,016,194,400, and capital invested in the production of steel and other primary metals, $849,889,600.00. "Why," it will be said, "I never dreamed that the capital invested in agriculture was almost twice that invested in the production of steel and other raw metals." Neither does the average citizen in or outside of our State, for, while Pennsylvania agriculture is spoken of once, Pennsylvania steel is mentioned at least twenty times.

What do we produce that gives us such an exalted agricultural position? Can we successfuly grow wheat in Pennsylvania? The average per acre yield of wheat in Pennsylvania is 3 bushels more than that of the nation's per acre average;[1] is 5 bushels more per acre than in Kansas and 6 bushels more per acre than in Oklahoma. Lancaster County farmers produce twice as much wheat per acre as the average yield per acre in Kansas.

More Corn Per Acre Than in Corn Belt

Can we grow corn? We grow on the average more per acre than any other important corn State in the Union, 7 bushels per acre more than in Illinois, and 3 bushels more per acre than in Iowa where corn is King.

If we so excel in the production of corn per acre, can we successfully grow hogs? If Iowa farmers wax fat growing hogs, with a per acre yield of corn 3 bushels less than that of Pennsylvania and a price on the farm for hogs $2.00 per 100 pounds less than is paid on the farms in Pennsylvania, surely Pennsylvania farmers can at least keep their ribs covered.

Eat a Pennsylvania apple a day and keep the doctor away. Why, can Pennsylvania grow apples good enough to keep one out of the hospital and the undertaker's ducoed car? Our largest and most reliable commission men tell us that, if we were to open up our trees and let the blessed sunshine in for the purpose of coloring our apples, and that, if we were to put as large and as good apples in the bottom of the barrel as we do on the top, we could soon drive the Oregon and the Washington apple out of the market. The Pennsylvania apple excels in flavor its competitors from Oregon and Washington. No other State, because of Pennsylvania's elevation, soils, splendid air drainage and mountain protection, has better conditions for the growing of fruit. We can produce apples for what it costs to bring them by freight from Washington and Oregon—80 cents per bushel.

High Standing in Potato Production

Let Pennsylvania railroads and hotels put "Pennsylvania Baked Potatoes" on their bills of fare for six months, and the famous Idaho potato will be forgotten. The Pennsylvania potato is whiter, mealier than the Idaho potato and has a skin not one-fourth so thick and hard. We eat Idaho potatoes because they are graded thoroughly, wrapped in tissue paper and advertised. Our slogan is, "Early to Bed, Early to Rise, Eat Pennsylvania Potatoes and Advertise." In the production of potatoes our State ranked third in the United States in 1925. We can grow potatoes for 65 cents a bushel, just what the freight from Idaho would be.

---

[1] These averages are based upon the ten year period, 1916-1925.

Eighty-five per cent of the mushrooms produced in the United States is grown in Pennsylvania. We have produced more buckwheat and we make more ice cream than any other State in the Union. Pennsylvania buckwheat cakes, Somerset County maple syrup, which Governor Fisher uses, plus a little from Vermont, the native State of President Coolidge, and ice cream constitute a diet to make a Kaiser in exile forget his throne.

If we make more ice cream than any other State in the Union, we must have cows. We sure have cows. In the United States we stand eighth in the number of milk cows and heifers 2 years old and over and third in the value of dairy products.

The Cow and the Hen Contribute

We are from Missouri. Show us how we can stand eighth in the number of cows and third in the value of our dairy products. Because of our pastures and forage crops unexcelled, because of the superior quality of our cows and because of the proximity of our markets. It is almost possible for the farmer to milk into the milk pan in the kitchen of the city resident. Rapidly are we removing tuberculosis from our herds. If the present rate of eradication of the tuberculosis germ is maintained until 1933, then can men, women and babies drink Pennsylvania milk without fear of the transmission of the bovine tuberculosis germ.

The Pennsylvania hen as a wealth producer ranks second to the cow. "May her son never set."

The hills of central and western Pennsylvania are as well adapted to the growing of sheep as were the hills of the land of sacred story in the days of Abraham, Isaac and Jacob. May our flocks soon become as numerous and large as they were in bygone days. They will if we control the dogs and parasites.

Because of our great population—10,000,000 people—almost all we produce can be delivered at the door of the consumer over our splendid roads in wagon or truck, thus saving the cost of railroad transportation to the producer. We are for good roads because they add to the farmer's pleasure and enable him to get his products speedily and at all seasons of the year to nearby markets. We were for the last two bond issues that connected our cities by good roads. We are now more heartily in favor of the next fifty million bond issue that will connect the farms with the cities more largely than the former bond issues did. Let us worry less about our children paying the bills for road construction and more about our sticking in the mud. They will bless us—and gladly pay the bills—if we leave them the heritage of concrete roads and they will censure us if we do not.

Come East; Stay East

Young man, come East. Come to Pennsylvania where there is scenery and something to see, where the soil is as productive, or can easily be made so by the application of lime and fertilizer, as that of any other State and where the markets are the best in the world, where the rural surroundings are most unique, interesting and beautiful. In many of the counties of Pennsylvania the farmer can walk behind his plow and see the trout in the nearby stream or the deer feed and play at the foot of the not far distant mountain or hear a wild turkey gobbler reminding him of the feast of the first day of the open season.

Pennsylvanians, and especially Pennsylvania farmers! Let us croak less and crow more and let the world know who we are and what we have and that the agricultural possibilities of Pennsylvania are second to those of no other State in the Union. May we not modestly say that all things being considered, they actually excel those of every other State. Truly we are living in a grand and awe-inspiring State—many of us do not know it because it is here and not in the much-sung West—a State in which to live it is sublime. May some inspired musician, in the not remote future, create in most exalted mood a song dedicated to Pennsylvania, like "My Old Kentucky Home" or "Carry Me Back to Old Virginia," that will wing us to heights where in vision splendid we can behold the glories of our native State.

THE PENNSYLVANIA FEDERAL-STATE CROP REPORTING SERVICE

On March 1, 1927, the Pennsylvania Crop Reporting Service witnessed the third anniversary of an agreement between the State and the Federal Departments of Agriculture to cooperate in the collection and compilation of monthly crop and livestock information and other periodic agricultural data. In twenty-seven other States, either the State Department of Agriculture or the State College of Agriculture is now cooperating in like manner with a branch office of the Division of Crop and Livestock Estimates of the U. S. Department of Agriculture.

In the ten years prior to the agreement, the Pennsylvania Department of Agriculture, through its Bureau of Statistics, had made an enviable record in the compilation of crop and other agricultural data in which growing interest had been manifested. During the same period, the Philadelphia branch office of the Federal Department was assembling similar information pertaining to farms and crops in Pennsylvania.

Coordination of Work and Data

Obviously much needless duplication of work resulted in the compilation of the two reports. Though variations in the information published were no greater than might reasonably be expected, the question of the relative merits of the data and the possibility of confusion in their use were ever present.

The object of cooperation was to remove these uncertainties by issuing reports bearing the approval of both Departments, and to use the time, effort and money saved in expanding the scope of the work. These ends have been achieved. The historic records of both agencies have been combined, all reports have been continued and in addition many special inquiries pertaining to agriculture in Pennsylvania have been made.

The Monthly Reports

The monthly reports on crops, livestock and general farm conditions are based upon returns from approximately 2,000 crop reporters, or aids, in all parts of the State. These men, mostly farmers and others well acquainted with local agricultural conditions, receive no compensation other than the reports and publications as available, and the satisfaction of having cooperated in rendering a public service of benefit to others as well as themselves. Many of them have been giving their services faithfully for ten or more years and all are to be commended for their participation in the crop estimating work.

These reporters are furnished schedules the first of each month. After the information has been filled in, the schedules are returned, some to Harrisburg and the balance to Washington. A summary of the Harrisburg reports together with the recommendations of the Agricultural Statistician are forwarded to the Crop Reporting Board at Washington, where they are compared with a summary of the schedules returned to Washington and reviewed, in conjunction with the reports from all other States, by the Board. After the Board has decided upon the estimates, on the day and hour set for the release of the reports, the information for Pennsylvania is transmitted to Harrisburg, from which place, in addition to being made public immediately through the newspapers, it is mailed out in mimeographed form to all interested parties.

Diverse Sources of Information

The Crop Reporting Service draws upon every available source in making its estimates. In addition to the monthly crop reporters, thousand of farmers report their planting intentions and later the actual acreage planted and by classes the number of livestock on their farms. The rural mail carriers also assist in these special acreage and livestock surveys. Still another group report prices received on the 15th of each month by producers of farm crops.

Mill and elevator operators report grain stocks at quarterly intervals. Growers of certain important crops such as potatoes, apples, grapes and truck crops report conditions, stocks and movements periodically throughout the season. All told, the number of individuals in Pennsylvania, exclusive of those cooperating in special field surveys, contributing information on crop and other agricultural conditions, exceeds 10,000. The total number of such reporters for the United States approximates 300,000.

To supplement the individual reports of farmers and others, all other available sources of pertinent information are consulted. Weather reports, railroad records, stockyard receipts, carlot movements, census and assessors' data or any other source of information relevant to the subject are carefully considered before estimates are finally approved.

The State Triennial Assessors' Census

Gratifying progress in the development of agricultural statistics of Pennsylvania is assured through the State Assessors' Census first taken in 1924. The Census, which is to be repeated at each succeeding triennial assessment period, will be taken in the fall of 1927. It will cover tenure and area of farms, farm population, crop acreage, fruit trees—apple, peach and pear—livestock numbers including chickens and colonies of bees on farms as well as the number of farms having automobiles, trucks, tractors, gas engines, milking machines, cream separators and silos and the number of farm homes having electricity, telephones, radios, running water and heating systems. A summary of the census should be compiled by the fall of 1928.

Use of Statistics Increasing

In the last few years the uses to which agricultural statistics are being put have increased surprisingly. Requests from farmers organizations and from government, college, research and business agencies for special compilations have been numerous, and demands for new lines of inquiry have been frequent. Whenever possible these requests have been cheerfully complied with and new lines of inquiry have been undertaken. The work incident to the regular inquiries of the Crop Reporting Service is so extensive that there is little opportunity for research study of the material.

The 1926 Bulletin

The annual statistical review for 1926 contains a wealth of material—current and historical—not embodied in previous annual crop and livestock reports. The purpose has been to make readily available for reference such information as will more fully reflect the scope of agriculture in Pennsylvania. Newly added features are historic records of crops, livestock and prices, index numbers and purchasing power of farm products, summaries of census data relative to farms and their operation and discussions of factors influencing agriculture, such as topography, soils and climate.

For the first time, most of the county statistical tables are arranged by crop reporting districts, according to which data collected by the Crop Reporting Service are tabulated and analyzed. Since the 1925 crop and livestock estimates, as published in General Bulletin No. 423, have been revised, the 1925 revisions are presented with the estimates for 1926.

The compilations appearing in this Bulletin convey but slight impression of the painstaking work required in their preparation. The office staff of the Crop Reporting Service has labored diligently through countless computations to bring the work to completion and particularly Edgar L. Gasteiger, collaborating statistician, who prepared the census study of Pennsylvania agriculture and who guided the major part of the tabulations through the routine steps.

The Misses Julia M. Sneeringer, Helen B. Moore, Bertha I. Collins, Mary H. Cessna, Katherine A. Hagan and Mrs. Jennie A. Good are justly entitled to special mention and, with others who rendered assistance, merit our hearty commendation for their conscientious labors.

Paul L. Koenig, Agricultural Statistician
L. H. Wible, Director, Bureau of Statistics

Owing to unavoidable circumstances, the printing and distribution of the 1926 Bulletin has been greatly delayed. The original material has been supplemented by certain additional and revised data to January 1, 1928.

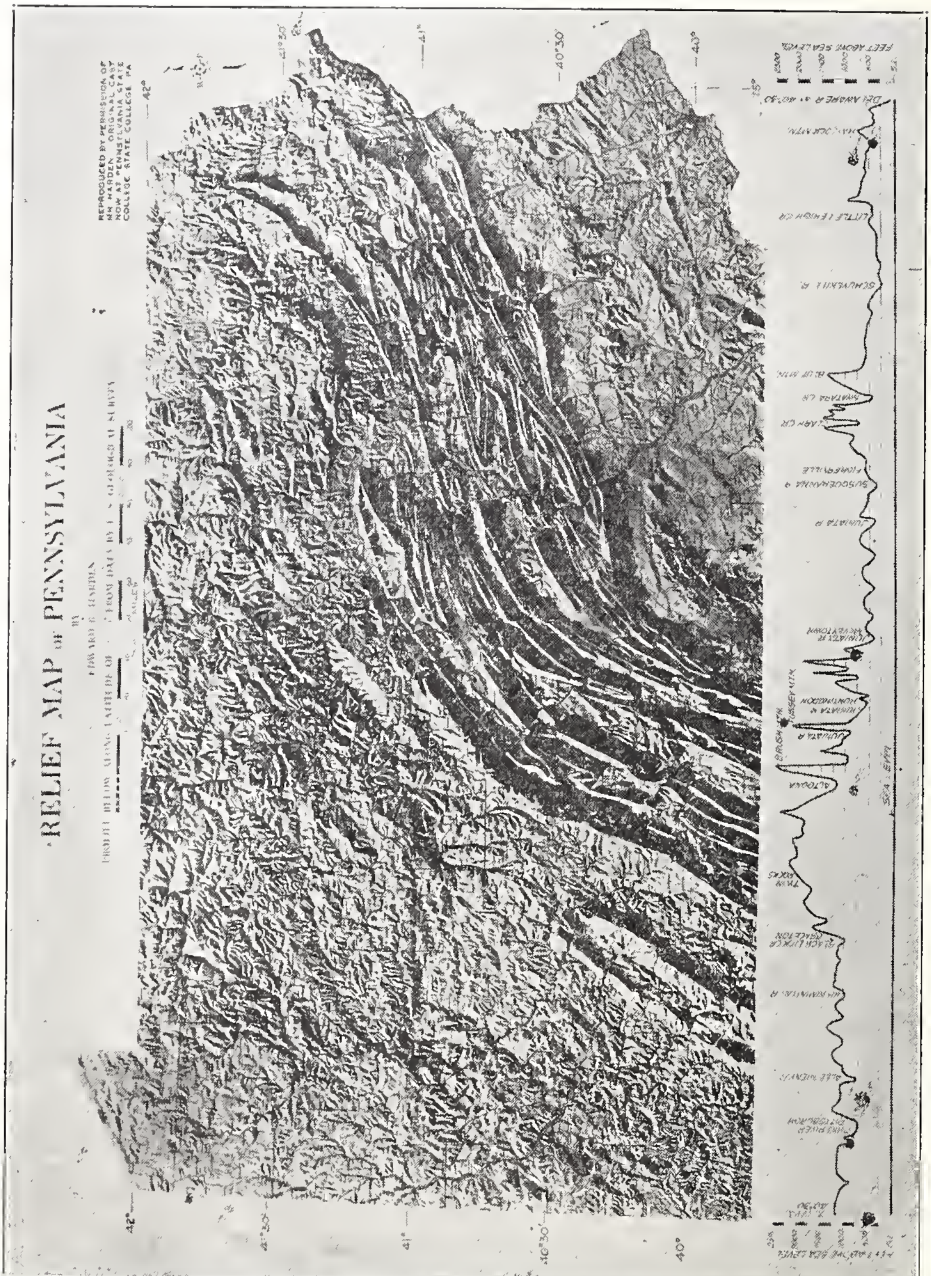

FIG. 2—Elevations range from less than 100 to approximately 3,000 feet, with mountains and high lands enclosing many beautiful, fertile valleys

DESCRIPTIVE SKETCH OF PENNSYLVANIA

L. H. Wible, Director
Bureau of Statistics

Pennsylvania, one of the original thirteen states, was settled by William Penn at Upland (now called Chester) in 1682. The grant of the territory west of the Delaware River was made to Penn by the King of England in settlement of a debt of $80,000 due the estate of Penn's father for services rendered as an Admiral in the English navy. The English secured this territory from the Dutch in 1664.

The State originally consisted of three counties: Philadelphia, Chester and Bucks. The number was increased by dividing these counties from time to time until the number reached sixty-seven. The last county formed was Lackawanna in 1878. The name, Pennsylvania, was derived from "Penn's Woods," so named at the request of the King. It is commonly called the "Keystone State" from the position it occupied among the colonies.

The State is rectangular in shape and about 302 miles long by 176 wide. It contains 45,215 square miles, or 28,692,480 acres of surface, and is thirty-second in size among the states. It is not quite as large as New York but a little larger than Virginia, and is more than twice as large as New Jersey, Delaware and Maryland put together. It would take nearly six states the size of Pennsylvania to cover the State of Texas.

Topography

Pennsylvania, as is the case in most Atlantic States, has comparatively level lands in the east and rises to higher altitudes to the west. Hence the surface undulates greatly, the altitude varying from less than one hundred feet above sea level in the southeastern part of the State to approximately three thousand feet at the summit of some of the peaks in the Alleghenies. The Appalachian range traverses the central part from northeast to southwest, a higher mountain range occurs in the extreme west and another lower plane runs down to the shores of Lake Erie.

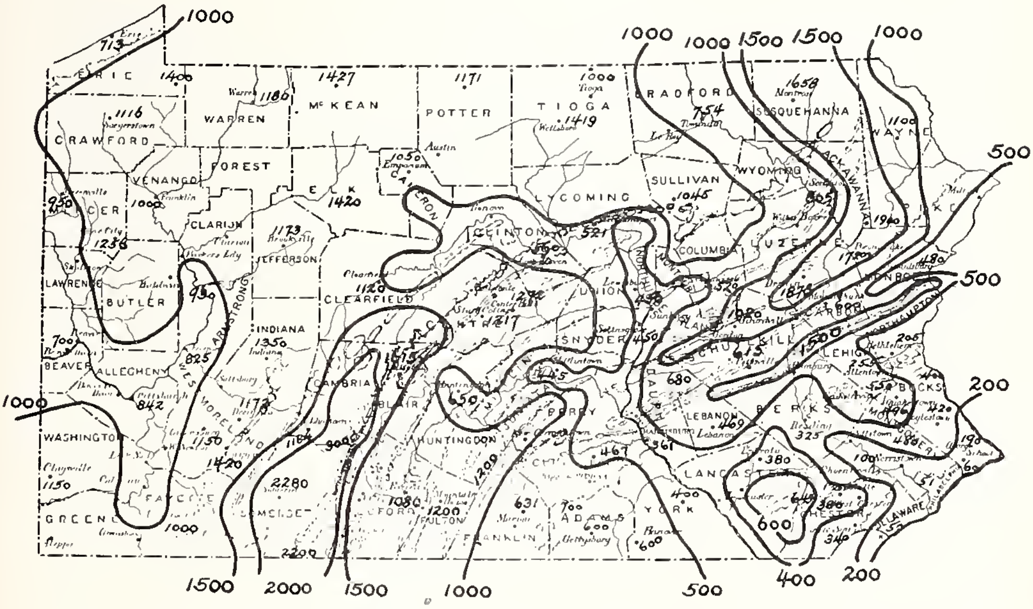

FIG. 3—Contour Map of Pennsylvania. Figures indicate elevation at various points

The Piedmont plateau, one of three great belts crossing the State,[1] takes in all the land southeast of South Mountain. The central section of the State is largely mountainous and consists of the Appalachian mountains, with the Blue or Kittatiny mountains on the east, and the Alleghenies on the west, with their many spurs and side ranges, forming a broad, mountainous belt across the State to the southwest. Among these mountains are many beautiful and fertile valleys, the largest of which are the Nittany and the Kishacoquillas. The Appalachian plateau lies north and west of the mountains and covers about two-thirds of the entire area of Pennsylvania. The streams and the valleys of this western section wind here and there in all directions, and the surface is a maze of hills and valleys.

Drainage and Climate

The leading rivers of Pennsylvania are the Delaware, Susquehanna and Ohio. The Delaware forms the eastern boundary of Pennsylvania, and drains that part of the State. Its principal branches are the Schuylkill and the Lehigh. It is navigable to Philadelphia. The central part of the State is drained by the Susquehanna, which is formed by the junction at Northumberland of the North Branch, flowing from the northeastern part of the State and the West Branch from the west and northwest. The principal tributary of the Susquehanna is the Juniata, flowing into it from the mountainous central section. The western part of the State is a part of the Mississippi valley, and is drained by the Ohio and its tributaries. The Ohio is formed at Pittsburgh by the union of the Allegheny flowing from the north, and the Monongahela from the south. The Ohio is navigable to Pittsburgh.

Pennsylvania is in that part of the United States having comparatively heavy rainfall. It is heaviest over most of the State during the spring and summer months, just when it will do most good for the growing crops. The State is in the zone of prevailing westerly winds. Throughout most of the State the wind blows chiefly from the northwest in winter and from the southwest during the summer, except when disturbed by storms.

A Leader in Mining and Industry

Pennsylvania leads all the states of the United States in the value of mineral and industrial production. The State mines more coal, makes more cement and glass, and quarries more stone than any other state. The coal of Pennsylvania lies in two widely separated areas. One of these, in the western part of the State, contains bituminous or soft coal, and the other in the eastern part contains anthracite or hard coal. No other state has been so favored in natural resources as Pennsylvania. The raw materials for many kinds of manufactures have always been abundant. The controlling industries, however, in Pennsylvania have always centered about its mines of coal and iron, and the textile industry. These are the chief sources of its wealth and prosperity.

Philadelphia, Pittsburgh and Scranton are the three largest cities in Pennsylvania and in addition to these there are many other cities as well as hundreds of boroughs scattered throughout the State. Pennsylvania ranks second in population among the forty-eight states of the Union, the U. S. Bureau of the Census estimating the State's population as 9,672,000 on January 1, 1927. The farm population is about 910,000.

Agriculture

Agriculture is one of Pennsylvania's major industries. With manufacturing, mining and other industrial enterprises present in all sections of the State, unexcelled markets for farm products result and the close relationship of agriculture to industrial effort proves mutually beneficial.

Pennsylvania farmers are particularly fortunate in having these many local markets well distributed over the State. The products of the farms are estimated to be within an average distance of 75 miles of the markets in which they are consumed.[2]

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[1] For a more complete discussion of these belts or soil provinces, see the section on "Soils," pages 23-26.

[2] See Table 1 and "Markets in Pennsylvania," on page 13.

Some idea of the importance of agriculture, even in this State of preponderant mining and industrial prestige, may be gained from the 1925 report of the State Department of Internal Affairs showing a total invested capital of $1,016,194,400 in the mines and quarries of the State, and $2,135,820,500 in the metal and metal products industries, including the great steel industry, compared with $1,460,702,270 invested in farm land, buildings, equipment and livestock on Pennsylvania's farms, according to the 1925 Federal Census.

The farmers of Pennsylvania pursue diversified farming with consequent steadiness of returns. If any particular crop is damaged by storm, insects or diseases the loss is usually made up in some other. The wide variety of crops that may be cultivated generally over the State, such as fruits, vegetables, cereals, and grasses, is due to the varied situation of Pennsylvania's farm lands with respect to altitude, ranging from almost sea level to over 2,000 feet, and a growing season from approximately 90 to 200 days. Under such conditions permitting great latitude in farm enterprise, agriculture is more stable in Pennsylvania than in many other states where the farmers have come to depend on a single, or limited number of crops.

FARM BULLETINS OF INTEREST

Numerous requests are made of the Crop Reporting Service for information relating to the culture of crops, care of livestock, recommended farm practices and similar subject-matter of interest to farmers. Every effort is made to comply with these requests but, since the information desired is usually not in the statistical reports of the Crop Reporting Service, many inquiries must be forwarded elsewhere.

To eliminate needless delay, a list of the more popular free pamphlets, classified by major subjects, with the source from which they may be obtained direct, is presented on pages 238-242 of this bulletin.

PENNSYLVANIA'S MINERAL RESOURCES[1]

Approximately one-seventh of the area of the State is popularly called mountain land, yet some of these mountainous regions are veritable storehouses of wealth, providing building material, such as stone and slate, and holding great deposits of coal.

Anthracite coal, almost exclusively a Pennsylvania product, is found in the eastern part of the State in three distinct and separate basins about 5 miles wide and from 55 to 65 miles long. These basins extend from northeast to southwest and in each the coal appears to be softest at the extreme southwestern end. Anthracite coal may be mined in twelve counties of the State and several of them yield also a coal which is properly semi-bituminous.

Bituminous coal deposits occur in twenty-eight counties in the central and western sections of the State. In the latter section petroleum and natural gas are closely associated with the coal fields. More than half a million people are given profitable employment in the industries associated with these natural resources.

Iron ore is still profitably mined in Berks, Chester and Lebanon counties, in the latter since 1742, at the famous Cornwall Mines.

Slate of fine quality is quarried in Northampton, Lehigh and York counties, the deposits in the latter extending into Maryland.

So extensive are these natural resources that Pennsylvania's pre-eminence in mining and manufacturing seems assured for some years.

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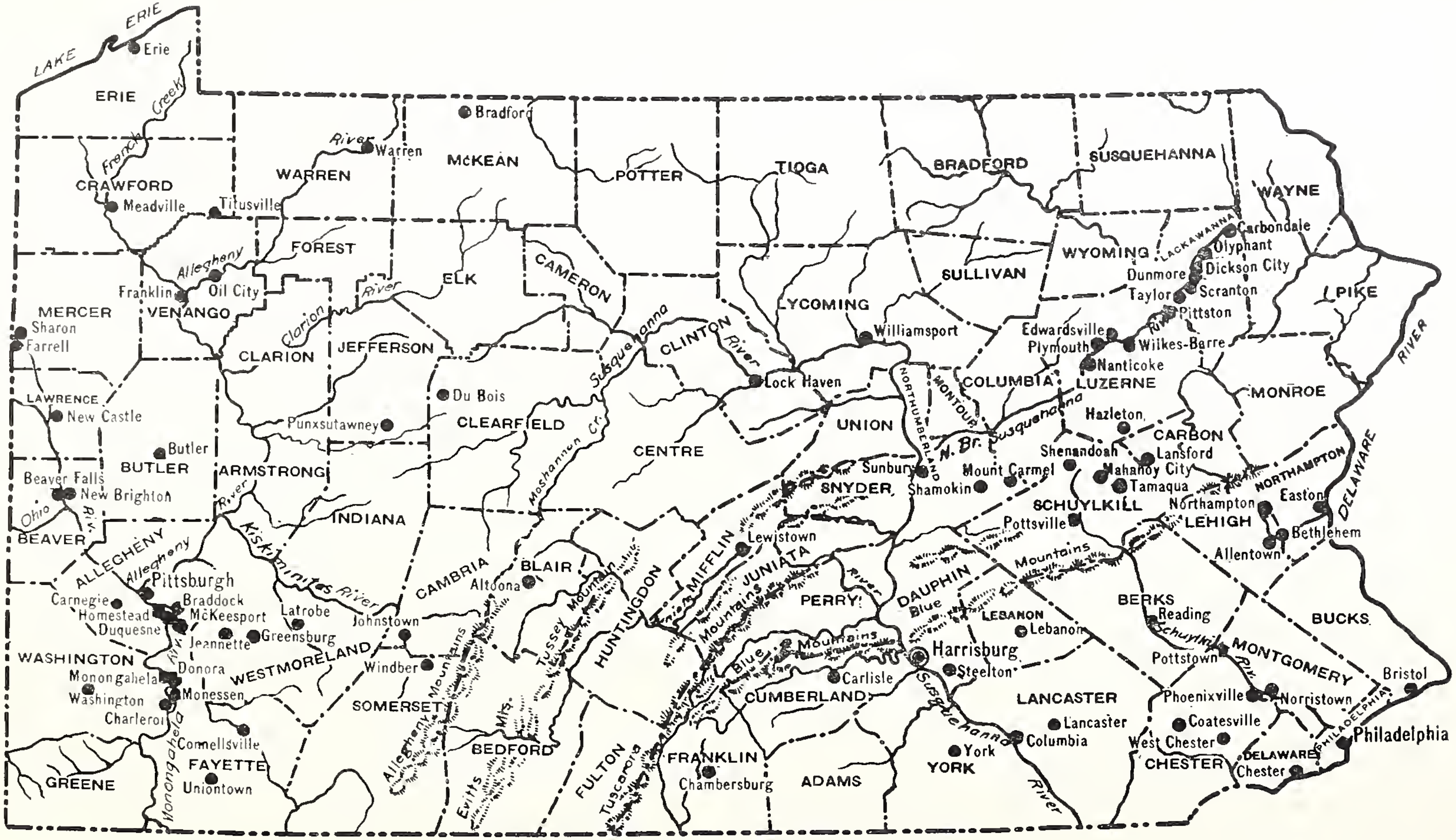
[1] From the Fifth Industrial Directory (1925), Pennsylvania Department of Internal Affairs.



Map by courtesy of the U. S. Bureau of the Census

FIG. 4—Counties, Principal Cities, Rivers and Mountains in Pennsylvania

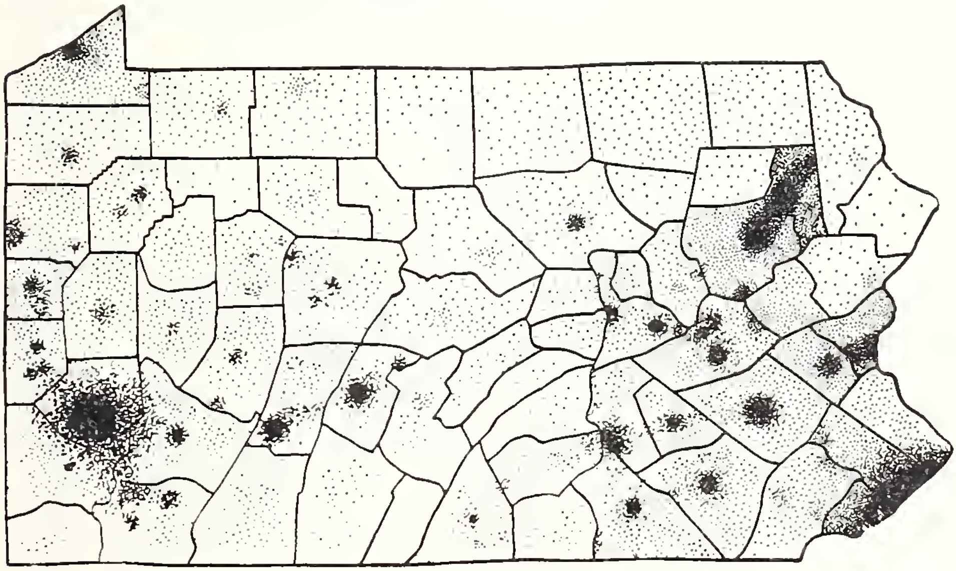
MARKETS IN PENNSYLVANIA

The wide diversification of industry in Pennsylvania accounts for the many towns and cities, which are capable of using more than the entire agricultural output of the State. No other State surpasses Pennsylvania in either the total number of population centers or in the number of incorporated places with a population of 500 or more. Pennsylvania has 150 cities with from 5,000 to 25,000 inhabitants—twice as many cities of the size as any other State except Massachusetts which has 86.

TABLE 1—Number of Towns and Cities and Population, by Groups, Pennsylvania and Selected States[1]

Population group	Pennsylvania	New York	Ohio	Illinois
Number of Population Centers				
Incorporated places:	973	534	819	1,1.1
Under 500	255	99	320	440
500-1,000	175	122	198	271
1,000-2,500	229	144	153	228
2,500-5,000	144	81	54	81
5,000-10,000	93	30	44	47
10,000-25,000	57	36	29	27
Over 25,000	20	22	21	17
Unincorporated, under 1,000[2]	3,625	2,436	1,941	1,315
No population reported[2]	4,043	1,690	2,060	1,764
Population of Incorporated Places				
Incorporated places:	6,666,286	9,452,677	4,660,034	5,587,785
Under 500	73,264	32,243	93,614	136,126
500-1000	125,967	85,548	142,979	193,472
1,000-2,500	330,693	229,086	236,161	351,142
2,500-5,000	509,812	286,192	195,707	273,474
5,000-10,000	670,916	200,606	317,584	324,046
10,000-25,000[3]	922,434	563,070	444,189	398,466
Over 25,000[3]	3,983,200	8,055,932	3,229,800	3,911,059
Population Classification				
Farm population[4]	910,847	767,500	1,031,718	936,368
Country population[5]	2,532,278	1,448,506	1,609,504	1,401,387
Rural population[6]	3,112,202	1,795,383	2,082,258	2,082,127
Urban population[7]	5,607,815	8,589,844	3,677,136	4,403,153

[1] 1920 U. S. Census, except as noted. [2] From Rand, McNally and Co.
[3] Estimates of the Bureau of the Census, July 1, 1926. [4] 1925 U. S. Census.
[5] Not in incorporated places. [6] On farms, in country and in towns under 2,500 population.
[7] In towns and cities of 2,500 population or more.



[U. S. Census data]

FIG. 5—Density of Pennsylvania's Population, 1920. Each dot represents 500. The numerous centers of population afford Pennsylvania farmers unexcelled and dependable markets for their products

TABLE 2—Dates of Killing Frost at Selected Points, Pennsylvania

Station	County and geographic location		Elevation	Drainage basin	Years of record	Earliest fall killing frost		Latest spring killing frost		Frost-free period			Planting date for hardy crops[1]	
										Shortest	Longest	Average		
			Feet							Days	Days	Days		
Altoona	Blair	C	1,615	Juniata	16	Sept.	11	May	29	109	186	148	May	14
Bethlehem	Northampton	EC	295	Lehigh	10	Sept.	25	May	6	155	209	183	April	27
Brookville	Jefferson	WC	1,173	Allegheny	9	Sept.	3	June	24	91	152	118	June	1
Clearfield	Clearfield	C	1,122	W. Br. Susq.	9	Sept.	10	June	23	91	160	127	May	23
Coatesville	Chester	SE	380	Lower Del.	19	Sept.	11	May	12	163	206	177	May	2
Erie	Erie	NW	713	Lake Erie	18	Sept.	22	May	16	155	233	196	April	27
Gettysburg	Adams	SC	600	Potomac	16	Sept.	22	May	12	155	196	177	May	7
Greensburg	Westmoreland	SW	1,150	Youghiogheny	12	Sept.	19	May	26	108	179	150	May	13
Greenville	Mercer	NW	950	Beaver	13	Sept.	14	June	17	96	163	133	June	7
Hanover	York	SC	600	Lower Susq.	16	Sept.	30	May	21	141	205	161	May	13
Harrisburg	Dauphin	C	361	Lower Susq.	18	Oct.	12	May	12	163	225	201	April	19
Huntingdon	Huntingdon	C	650	Juniata	18	Sept.	10	June	16	93	175	143	May	27
Johnstown	Cambria	C	1,184	Conemaugh	18	Sept.	11	June	24	108	190	154	May	25
Kennett Square	Chester	SE	340	Lower Del.	13	Oct.	8	May	29	147	207	184	May	24
Lancaster	Lancaster	SE	255	Lower Susq.	10	Sept.	11	May	27	137	197	167	May	13
Lebanon	Lebanon	SE	469	Lower Susq.	18	Sept.	22	May	29	135	182	163	May	15
Lewisburg	Union	C	450	W. Br. Susq.	19	Sept.	11	May	29	133	179	159	May	13
Lock Haven	Clinton	NC	560	W. Br. Susq.	17	Sept.	22	May	29	135	179	161	May	15
Mauch Chunk	Carbon	EC	600	Lehigh	18	Sept.	11	May	29	130	191	159	May	7
Mifflintown	Juniata	C	445	Juniata	16	Sept.	11	June	10	97	169	146	May	17
Montrose	Susquehanna	NE	1,638	N. Br. Susq.	15	Sept.	15	June	9	97	166	135	May	22
Philadelphia	Philadelphia	SE	117	Lower Del.	19	Oct.	3	May	21	185	254	213	April	9
Pittsburgh	Allegheny	SW	842	Ohio	19	Sept.	10	May	28	142	225	183	April	23
Reading	Berks	SE	325	Schuylkill	16	Oct.	13	May	8	170	219	194	April	27
Scranton	Lackawanna	NE	805	N. Br. Susq.	19	Sept.	22	May	30	155	213	180	April	23
Selinsgrove	Snyder	C	455	Lower Susq.	19	Sept.	6	June	10	108	173	145	May	22
Somerset	Somerset	SW	2,280	Youghiogheny	19	Sept.	11	June	17	84	171	133	May	28
Stroudsburg	Monroe	EC	425	Upper Del.	9	Sept.	11	May	27	110	168	141	May	17
Towanda	Bradford	NC	754	N. Br. Susq.	19	Sept.	11	May	27	117	176	151	May	14
Warren	Warren	NW	1,180	Allegheny	18	Sept.	10	June	24	92	189	139	May	26
Wellsboro	Tioga	NC	1,419	W. Br. Susq.	18	Sept.	6	June	20	89	150	121	June	5
West Chester	Chester	SE	455	Lower Del.	15	Sept.	22	May	12	166	221	188	April	24
Williamsport	Lycoming	NC	521	W. Br. Susq.	18	Sept.	22	June	1	122	198	169	May	6
York	York	SC	400	Lower Susq.	8	Sept.	11	May	16	158	193	173	May	7

[1] This column records, for the few years under consideration, the date on which the chances were four to one that no further killing frost or freezing temperature would occur. That is, in four years out of five, hardy crops were safe from severe frost after this date. Local frosts severe enough to kill tender crops are not included here.

PENNSYLVANIA'S CLIMATE

George S. Bliss, Meteorologist

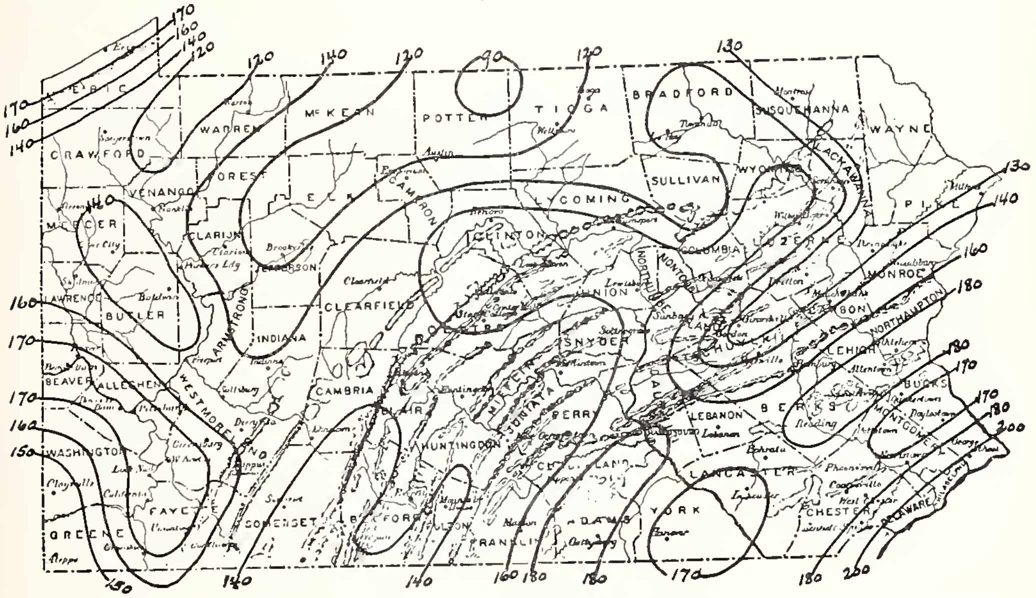
U. S. Weather Bureau, Philadelphia, Pa.

Topography gives Pennsylvania a fairly large range of climatic conditions for such a comparatively small area. The mean annual temperature varies between 54.1° for Philadelphia County and 43.5° in the northern portion of Potter County, a range of more than 10°. The mean annual precipitation is above 50 inches in most of Schuylkill and Somerset counties, and is less than 35 inches in portions of Tioga and Bradford counties.

The length of the crop growing season, or in other words the time between the last killing frost in spring and the first in autumn, varies from 207 days in Philadelphia County and about 80 days in northeastern Potter County.

The most favorable agricultural region in the State lies south and east of the Blue Ridge mountains, where the rainfall is ample and generally dependable, and where the average crop growing season is practically six months long. The topography of this region is generally rolling, but not much of it is rugged. Damage by frost is confined almost exclusively to orchard fruits, and is usually occasioned by an abnormally warm period in the latter part of March that causes the trees to come into bloom before the normal frost period has passed.

The remainder of the State has a more rugged topography, and the agricultural lands are generally confined to smaller areas such as valley lands, some of which are exceedingly fertile. In these more rugged regions the temperature and precipitation conditions sometimes vary greatly within short distances, and it is difficult to give a description of climate that will apply accurately to all parts of any considerable area. In general the crop growing season is about three weeks less in the southwestern than it is in the southeastern counties, and about five weeks less in the northeastern, and six weeks less in the northwestern counties.



[U. S. Weather Bureau data]

FIG. 6—The Average Length of Growing Season in Pennsylvania. The period between the last killing frost in spring and the first in autumn varies from 80 days in northeastern Potter County to 207 in Philadelphia County

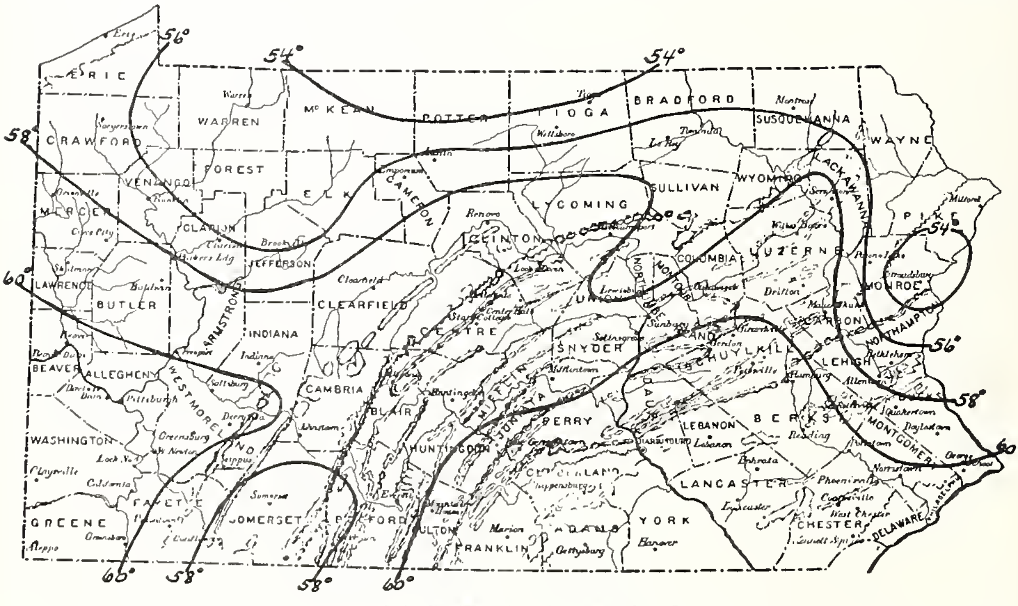
For some reason which location and topography do not seem to fully explain, there is a group of central counties comprising Centre, Clinton, Lycoming, Union, Snyder, Northumberland, Montour and Columbia that is singularly free from damaging frosts. In these counties the average growing season is only about two weeks shorter than it is in the southeastern counties, and the rainfall, while slightly less, is nearly as dependable as it is in those counties.

Pennsylvania Weather in 1925

The year 1925 was one of much greater temperature extremes than usual. The year as a whole accumulated a slight temperature excess, and yet the growing season was abnormally short due to very late spring frosts. The autumnal season was of nearly the usual duration despite a cold October.

A rather severe January was followed by the warmest February on record, and a March in which the temperature was almost continuously above the normal although it did not set any new records. Peaches came into full bloom from the 10th to 15th of April only to be caught by a severe freeze during the third week that killed the greater portion of the crop. Plums, apricots, pears, and some early varieties of apples also suffered considerable damage. This was followed by the coldest May of the last 38 years, and the growth of vegation made little progress. Heavy snow fell in most of the northern counties on the 24th and 25th, breaking all previous records for so late in the season.

A sharp reaction to higher temperatures occurred in June, which broke all previous records for intense heat. During this heated period the rainfall was deficient in nearly all parts of the State, and especially so in the southeastern counties where the drought did more or less damage. Heavy rains in July revived crops in all parts of the State, but a dry August and September developed drought conditions in which grass lands and late potatoes suffered greatly. The drought did not seem to harm the corn crop which was good in all parts of the State. Heavy rains in October revived late feed to some extent, but the month was cold and disagreeable, breaking all previous October records for low mean temperature, although few records for minimum



[U. S. Weather Bureau data]

FIG. 7—Average Temperature in Pennsylvania, March to October, Inclusive. Temperature during the growing season has an important bearing on the geographic distribution of crops and is a dominant factor in Pennsylvania's wide diversification of farm and crop enterprise

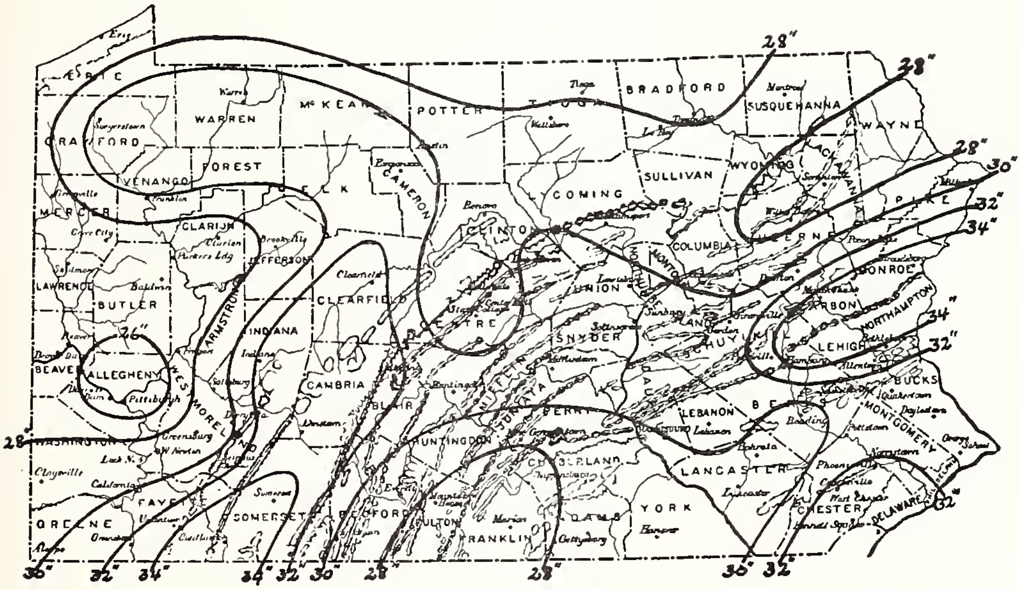
temperatures were broken. Snow covered the entire State at the end of the month to an average depth of 3.8 inches. At Philadelphia a snowfall of nearly 2.0 inches was the first measureable snowfall to occur in October during the last century. November and December were mostly seasonable and furnished a respectable ending for a decidedly freakish year.

Pennsylvania Weather in 1926

The year 1926 followed the lead of 1925 in the matter of unusual weather extremes, although it did not break so many previous records. The crop season was of about normal duration, being shortened by late spring frosts, and lengthened an equal amount by a mild fall season. However, there were other conditions that made it the most unfavorable season for field crops that has occurred in many years. April, May and June were cold and dry, and the growth of vegetation was very slow. It was apparently the most backward spring on record.

In July the drought was broken by excessive rains in the central and southeastern counties, while it continued in the southwestern portion of the State and became very severe. The rainfall was excessive in nearly all parts of the State during August, September, October and November. Much grain was damaged or destroyed in the fields, being too wet to thrash or to haul into the barns. The losses were heaviest in the oats and buckwheat crops. A large part of the hay crop was lost in the curing process. The rains were fine for pastures which were revived and became luxuriant.

Late spring frosts did not damage the orchard fruits, which were in a more or less dormant condition until the frost season had passed. As a result the yields were the heaviest for many years. Peaches were softened by the rains and did not keep well. In some instances the fruit began to rot before it had fully ripened. Apples were the largest and finest crop for many years.



[U. S. Weather Bureau data]

FIG. 8—Average Rainfall in Pennsylvania, March to October, Inclusive. Normally all parts of the State have adequate rainfall during the growing season

TABLE 3—Mean Monthly and Annual Temperature, Pennsylvania, 1888-1927

[U. S. Weather Bureau, Philadelphia]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F	°F
Normal	27.8	27.7	37.5	48.8	59.5	68.2	71.9	70.0	64.0	52.4	41.0	31.1	50.0
1888	23.2	28.4	31.2	47.2	57.3	68.4	69.2	69.8	59.6	46.3	42.2	32.5	47.9
1889	29.4	23.0	39.0	49.7	60.4	66.7	71.6	67.4	61.9	47.3	41.8	39.6	49.8
1890	37.5	37.0	33.2	48.6	58.5	70.1	70.7	68.8	62.2	50.9	41.8	27.2	50.5
1891	30.5	34.8	33.8	49.8	57.3	68.2	67.8	69.6	66.6	50.6	39.7	38.4	50.6
1892	26.2	31.6	31.8	46.9	58.5	71.8	73.1	71.4	62.4	50.8	39.0	27.8	49.3
1893	19.0	27.3	34.8	47.7	57.9	69.8	72.1	70.4	61.2	53.0	39.2	32.2	48.7
1894	32.8	27.6	43.2	48.0	60.8	69.6	73.8	69.4	66.6	53.6	38.2	32.4	51.3
1895	24.2	20.2	33.8	49.2	60.6	71.4	69.1	72.3	67.8	47.3	42.9	34.2	49.4
1896	27.6	29.4	30.6	53.0	65.4	67.4	72.8	71.2	63.6	48.9	46.0	30.6	50.5
1897	25.6	30.6	39.0	49.0	57.7	64.8	73.4	67.9	63.8	54.2	41.6	33.0	50.0
1898	30.7	29.4	44.0	45.6	60.0	69.6	74.8	72.3	66.0	53.8	40.0	29.8	51.3
1899	26.6	22.7	36.3	50.2	61.1	69.9	72.3	71.2	61.8	54.6	41.5	31.5	50.0
1900	29.8	27.1	31.2	49.2	60.4	69.9	74.0	75.0	68.4	58.6	43.5	31.2	51.5
1901	29.1	21.7	37.4	47.2	58.9	69.1	76.5	72.0	63.6	52.2	36.0	29.1	49.4
1902	25.6	23.9	41.3	48.0	59.8	66.0	71.8	67.8	62.7	53.1	47.3	28.4	49.6
1903	26.9	30.5	46.4	48.8	61.8	63.5	71.2	67.2	63.2	53.4	36.9	25.4	49.6
1904	20.0	21.8	36.0	44.7	61.6	67.9	70.6	68.0	63.7	50.6	38.8	25.8	47.5
1905	23.8	20.8	39.0	48.4	60.8	68.0	72.6	69.6	64.0	53.2	39.1	33.6	49.4
1906	35.0	28.0	31.7	50.0	60.0	69.3	71.3	73.2	67.0	52.0	41.5	30.8	50.8
1907	30.0	22.8	41.8	43.6	54.8	63.6	71.5	68.0	64.8	48.2	39.8	33.2	48.5
1908	28.4	24.8	40.7	49.8	61.2	68.8	73.9	69.4	65.6	54.6	41.2	32.0	50.9
1909	31.2	35.8	35.6	48.5	59.2	68.8	69.7	69.4	62.8	48.4	46.4	27.0	50.2
1910	27.2	26.6	44.9	52.6	56.8	65.4	72.8	69.8	65.5	55.6	36.8	24.4	49.8
1911	31.6	31.0	35.0	46.2	65.2	68.3	73.7	71.4	64.9	52,3	37.8	36,3	51.1
1912	18.6	23.7	33.6	50.2	61.2	65.6	71.3	67.1	65.5	54.2	43.0	34,4	49.0
1913	36.5	27.4	42.1	50.6	58,5	68.2	71.8	70.4	62.4	54.9	43.9	34.2	51.7
1914	30.2	21.8	34.2	47.3	61.5	68.6	71.3	71.3	61.5	56.4	40.6	27.3	49.3
1915	28.3	33.3	32.9	53.9	56.2	65.6	70.7	68.0	66.5	54.2	42.1	29.4	50.1
1916	34.2	25.7	30.7	48.0	61.0	63.7	74.3	71.9	62.5	52.1	41.3	29.7	49.6
1917	27.9	25.6	37.3	48.5	53.3	66.8	72.1	71.2	59.0	47.2	37.6	21.5	47.5
1918	16.2	28.2	41.6	48.2	65.1	66.0	70.1	73.6	58.7	55.5	42.1	36.6	49.2
1919	32.0	32.0	41.1	48.5	59.5	71.2	71.6	68.2	64.4	57.5	41.2	25.3	51.2
1920	20.9	25.6	38.7	46.0	56.6	67.0	69.5	70.2	64.5	57.5	40.3	33.4	49.4
1921	31.0	32.8	48.0	55.3	59.8	70.6	75.9	68.4	68.9	52.6	42.3	31.6	53.1
1922	25.0	33.0	40.0	50.1	62.5	69.5	71.9	69.1	66.3	54.8	42.9	31.5	51.4
1923	29.1	24.6	37.0	48.3	58.3	70.9	71.0	69.2	64.8	51.0	40.7	39.6	50.4
1924	28.1	26.9	36.1	46.5	54.6	65.8	69.7	70.1	59.8	52.9	40.7	29.8	48.7
1925	25.2	35.6	40.9	51.3	55.2	71.9	70.5	69.7	67.5	46.1	39.5	30.7	50.5
1926	27.8	28.7	33.1	44.9	58.8	64.1	71.8	71.9	64.2	51.9	40.4	27.3	48.7
1927	27.4	35.0	42.0	47.7	58.2	63.8	71.7	65.5	64.9	55.6	46.2	32.7	50.9

TABLE 4—Average Monthly and Annual Rainfall, Pennsylvania, 1888-1927

[U. S. Weather Bureau, Philadelphia]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.	In.
Normal	3.33	2.66	3.54	3.37	3.99	4.10	4.35	4.23	3.48	3.18	2.81	3.23	42.27
1888	4.19	2.50	3.55	2.52	4.24	3.04	3.45	7.05	4.84	4.02	3.37	3.14	45.91
1889	3.54	1.96	2.90	4.50	5.91	5.43	6.80	3.24	5.05	3.85	6.72	2.77	52.67
1890	3.04	4.32	5.15	3.46	6.71	3.42	3.52	5.76	4.57	5.87	1.49	3.97	51.28
1891	3.64	4.61	5.10	2.08	2.12	4.50	6.32	5.09	2.39	3.06	2.65	4.09	45.65
1892	4.77	1.75	4.14	2.04	5.70	5.64	3.93	3.77	2.81	0.72	4.34	1.69	41.30
1893	2.85	5.92	2.52	4.74	5.54	3.12	3.15	4.50	2.67	3.26	2.93	3.06	44.26
1894	2.29	3.53	1.63	3.62	8.88	2.57	2.32	1.84	6.30	4.26	2.50	3.95	43.69
1895	4.17	1.22	2.31	3.75	2.68	3.50	3.24	3.23	1.71	1.99	2.48	3.22	33.51
1896	1.43	4.90	4.51	1.75	2.85	4.64	6.89	2.22	4.82	3.19	3.55	1.20	41.95
1897	2.15	3.28	3.22	3.30	5.24	3.38	6.26	3.17	2.18	1.32	5.28	3.95	42.73
1898	4.25	2.23	4.31	2.93	5.11	2.79	3.36	6.60	1.70	5.20	4.03	2.98	45.49
1899	3.05	4.05	4.87	1.76	3.82	3.51	3.91	4.01	4.70	1.55	2.66	3.04	40.93
1900	2.64	4.22	3.61	1.57	2.79	3.60	4.86	3.33	1.77	2.74	4.10	2.08	37.31
1901	2.22	0.96	4.14	5.41	5.56	3.47	3.88	6.81	3.39	1.23	2.56	5.91	45.54
1902	2.80	3.99	3.98	3.56	1.96	5.97	6.04	2.62	4.66	4.64	1.53	5.54	47.29
1903	3.31	4.49	4.52	3.53	1.67	6.53	5.36	5.29	2.09	4.64	2.18	2.66	46.27
1904	3.55	2.41	4.29	3.45	3.78	4.06	4.68	4.36	3.37	2.87	1.14	2.48	40.44
1905	3.70	1.70	3.86	2.84	2.59	4.39	4.87	5.71	3.41	4.23	2.47	3.57	43.34
1906	2.53	1.70	4.46	3.13	3.23	5.43	4.31	5.62	2.46	4.46	1.48	3.97	42.78
1907	4.36	1.91	4.26	2.64	3.08	4.99	3.84	2.94	6.37	3.16	3.60	4.30	45.45
1908	2.68	4.65	4.76	3.51	6.28	2.36	4.81	3.22	1.60	1.95	0.90	2.86	39.58
1909	2.92	4.84	3.07	5.39	2.90	4.48	2.14	2.31	2.27	2.27	1.40	3.39	37.38
1910	5.55	3.59	0.56	5.07	3.38	4.31	2.42	2.61	4.49	1.91	2.45	2.65	38.99
1911	3.54	2.27	2.57	3.79	1.97	4.71	2.81	7.63	5.29	4.83	2.84	3.27	45.52
1912	1.92	2.20	5.05	4.39	3.15	3.36	5.29	5.02	5.57	2.74	2.17	3.27	44.13
1913	4.95	1.84	5.27	3.82	3.86	2.26	4.16	2.69	3.28	5.44	3.05	2.63	43.25
1914	3.37	2.78	2.61	4.66	3.34	3.71	4.19	3.85	0.99	2.35	1.76	4.63	38.24
1915	5.56	3.90	1.28	1.92	4.16	4.00	5.28	6.71	2.56	2.65	2.28	4.06	44.26
1916	2.42	3.08	4.12	3.65	3.19	6.14	4.45	2.57	3.77	2.25	2.27	3.07	40.98
1917	3.60	1.46	3.68	2.08	3.39	5.38	4.33	6.69	2.31	6.38	0.63	1.78	41.71
1918	3.51	2.46	2.34	4.53	5.04	3.46	3.05	4.12	3.97	3.17	2.03	3.38	41.25
1919	2.53	2.23	3.57	2.70	5.80	3.90	5.70	5.43	2.07	4.77	5.35	2.61	45.82
1920	2.47	2.44	2.83	4.39	2.02	4.97	4.37	4.66	3.99	1.67	3.54	3.28	40.81
1921	2.58	2.59	3.33	3.11	3.93	3.12	4.13	3.83	4.69	2.16	5.75	2.59	41.80
1922	2.26	1.99	4.37	3.17	3.21	5.11	3.68	3.14	1.48	2.51	1.21	2.75	34.88
1923	4.26	2.16	2.49	2.94	3.50	2.73	4.24	3.10	3.55	2.38	2.83	4.99	39.17
1924	4.34	2.94	2.83	4.15	5.71	5.57	3.42	3.78	6.44	0.28	1.54	2.13	43.26
1925	3.49	2.16	2.56	2.32	3.49	3.04	5.57	2.28	2.80	4.83	3.56	1.72	37.72
1926	2.80	4.06	1.91	2.03	1.78	3.63	3.82	5.69	5.81	4.51	4.49	2.58	43.11
1927	2.90	3.48	2.61	3.52	4.14	3.72	4.97	4.12	2.08	6.40	4.95	4.41	47.30

TABLE 5—Percentage of Possible Sunshine at Six Pennsylvania Cities, 1923-1927

ERIE

Harry O. Geren, U. S. Meteorologist

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
Normal	23	38	45	54	60	64	70	66	60	46	25	18	48
1923	6	53	62	62	77	77	63	58	44	32	34	19	49
1924	13	30	29	41	40	51	56	65	52	72	35	8	41
1925	27	27	38	64	59	66	54	64	35	15	30	10	41
1926	21	21	48	45	72	68	68	57	49	32	22	6	42
1927	21	14	41	49	41	65	62	73	73	60	24	20	45

HARRISBURG

C. S. Ling, U. S. Meteorologist

Normal	42	53	49	59	67	62	65	62	62	56	47	41	55
1923	33	47	58	64	76	69	60	62	57	66	52	43	57
1924	41	56	61	60	55	54	67	68	52	78	57	31	57
1925	36	47	53	68	71	82	69	80	70	55	64	38	61
1926	45	37	55	62	75	60	57	46	37	41	35	45	59
1927	41	44	52	50	42	61	55	45	59	59	27	36	48

PHILADELPHIA

George S. Bliss, U. S. Meteorologist

Normal	51	59	55	58	59	61	64	63	64	62	54	53	59
1923	34	45	63	69	77	76	59	60	63	66	48	48	59
1924	58	61	68	60	59	63	80	66	48	82	60	34	62
1925	41	57	63	65	68	76	65	77	64	43	52	44	60
1926	45	38	62	63	73	62	62	57	55	51	51	45	55
1927	38	46	52	56	48	66	70	55	70	68	44	47	55

PITTSBURGH

W. S. Brotzman, U. S. Meteorologist

Normal	26	32	50	46	54	56	63	61	61	56	38	27	48
1923	26	34	54	64	71	70	65	65	68	62	47	45	56
1924	37	44	42	58	50	68	80	79	53	77	47	22	55
1925	46	53	49	62	54	66	55	72	54	24	42	34	51
1926	28	21	47	45	63	59	58	42	49	34	41	16	42
1927	23	29	41	56	48	57	62	56	69	60	26	22	46

READING

C. J. Doherty, U. S. Meteorologist

Normal	43	50	57	56	58	61	57	60	58	55	47	40	53
1923	30	53	55	66	80	69	53	62	60	57	44	42	5[illegible]
1924	48	50	63	64	52	51	68	73	55	84	56	42	59
1925	44	53	61	62	55	71	59	70	44	30	52	35	53
1926	37	35	51	41	68	63	61	47	41	34	36	36	46
1927	39	35	41	35	31	56	51	54	66	63	40	37	46

SCRANTON

F. H. Coleman, U. S. Meteorologist

1924	37	30	39	48	41	54	69	71	49	66	51	28	49
1925	36	48	50	56	42	54	63	47	41	41	54	44	48
1926	48	44	56	56	63	68	70	41	41	26	24	36	48
1927	35	30	60	65	49	70	64	52	54	43	20	24	47

TABLE 6—Average Number of Days with 0.01 Inch or More of Rainfall, Pennsylvania Weather Station Records to 1920

[U. S. Weather Bureau, Philadelphia]

Station and geographic location	Length of record (years)	January	February	March	April	May	June	July	August	September	October	November	December	Annual
Average 47 stations	----	12	10	11	11	11	11	11	11	8	9	9	11	125
Aleppo SW	17	12	9	11	12	16	11	9	9	7	7	7	11	115
Brookville WC	16	13	10	12	10	10	10	9	10	8	8	10	11	121
Catawissa C	10	13	10	10	12	12	12	12	11	9	9	9	10	129
Claysville SW	17	12	10	10	13	11	11	11	10	8	10	8	10	124
Clearfield C	10	13	10	10	13	14	12	11	12	8	11	10	11	135
Easton EC	14	10	9	12	10	11	14	11	10	8	9	7	9	120
Emporium NC	20	12	10	11	12	12	11	10	11	9	10	9	11	128
Erie NW	48	17	15	15	13	13	11	10	10	11	13	15	18	161
Everett SC	20	8	6	8	8	9	10	9	9	7	6	5	7	92
Franklin NW	11	15	14	13	16	14	11	11	13	9	12	13	15	156
Gettysburg SC	17	11	9	11	11	11	12	11	11	8	9	7	10	121
Greenville NW	19	15	13	12	14	13	13	11	11	9	11	11	14	147
Grove City NW	14	16	14	13	14	13	12	11	11	9	12	11	14	150
Hamburg SE	23	8	7	9	8	8	9	9	8	7	6	5	7	91
Harrisburg C	32	11	10	12	11	12	12	11	11	9	9	8	10	126
Huntingdon C	20	10	8	11	11	12	13	12	11	9	9	8	9	123
Indiana WC	18	14	11	12	13	13	12	12	11	9	10	9	13	139
Johnstown C	23	20	17	18	16	15	15	14	13	10	12	14	17	181
Lancaster SE	11	8	7	8	9	9	9	10	10	6	7	7	8	98
Lawrenceville NC	24	7	6	7	9	10	9	10	9	7	8	6	7	95
Lebanon SE	20	12	10	12	12	11	12	11	12	8	9	9	10	128
Lock Haven NC	20	11	9	11	12	12	12	11	11	9	9	8	10	125
Lycippus SW	25	16	14	15	13	12	13	11	11	8	9	10	14	146
Marion SC	14	9	7	8	9	9	11	10	9	6	7	5	8	98
Mauch Chunk EC	20	11	9	11	10	10	11	11	10	9	8	9	10	119
Mifflintown C	18	11	9	11	12	12	12	12	12	8	10	7	10	126
Milford EC	15	10	7	9	11	11	11	12	11	9	8	7	8	114
Montrose NE	17	9	7	8	12	12	11	12	10	8	9	8	8	114
Mount Pocono EC	15	9	7	8	9	9	10	9	9	7	8	6	7	98
Muncy Valley NC	10	7	7	8	11	11	9	10	9	8	8	7	8	103
New Germantown C	10	8	5	7	8	8	10	9	8	6	6	4	6	85
Philadelphia SE	39	12	11	12	11	11	10	11	11	9	9	9	10	126
Pittsburgh SW	50	16	14	15	13	13	12	12	10	9	10	12	15	151
Quakertown SE	11	10	8	11	9	9	11	12	9	7	7	7	9	109
Reading SE	39	12	11	13	11	12	11	12	10	9	9	9	11	130
Saegerstown NW	25	16	14	13	14	13	12	12	11	11	13	13	15	157
Scranton NE	20	15	12	12	13	13	12	13	12	10	10	9	13	144
Selinsgrove C	25	10	9	11	11	12	11	12	11	8	9	8	9	121
Somerset SW	25	14	13	13	13	11	12	11	10	8	8	9	13	135
State College C	25	13	11	13	12	12	12	12	11	9	9	10	11	135
Towanda NC	25	10	10	12	12	13	12	13	11	9	10	10	10	132
Uniontown SW	24	13	12	13	13	12	13	12	11	8	8	10	11	136
Warren NW	24	15	12	13	13	12	10	11	10	9	10	13	14	142
Wellsboro NC	23	8	8	9	10	10	11	11	11	9	9	8	9	113
West Chester SE	19	13	10	13	12	12	12	13	13	10	9	9	11	137
Williamsport NC	25	9	8	10	10	11	11	11	9	7	8	8	9	111
York SC	14	9	9	11	9	10	11	11	11	7	7	9	9	113

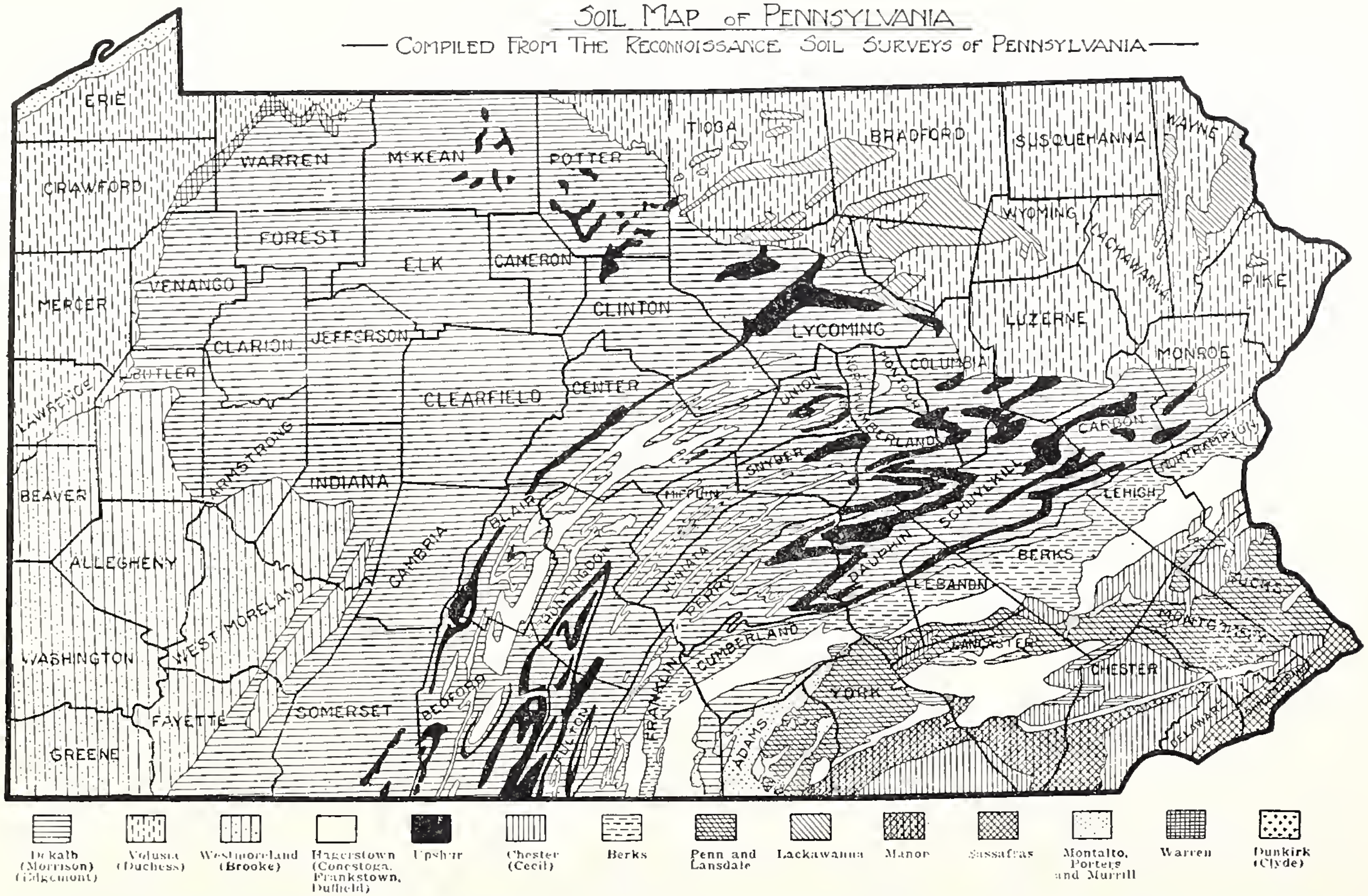


FIG. 9—Pennsylvania's soils are divided into 47 series, belonging to seven of the distinct geologic groups or provinces. Only the more important series are shown. Eleven of the series comprise more than 92 per cent of the area

PENNSYLVANIA'S SOILS[1]

Prior to 1927, more than one-third of the land area of Pennsylvania had been covered by soil surveys.[2] The soils of the State are divided into 47 series, lying in seven major soil areas or provinces.[3] Four of these provinces—The Coastal Plains, the Piedmont Plateau, the Allegheny Mountain and Plateau and the Limestone Valley—are residual in origin. The remaining three—the Glacial, the Glacial Lake and Terrace and the River Flood Plains and Terrace—are transported soils. Of the three only the Glacial is important in Pennsylvania. Seventy-four per cent of the soils are residual, twenty-two per cent are glacial, while but four per cent are alluvial and lacustrine.[4]

The State is naturally divided into three physiographic sections. The first, lying east and south of Blue Mountain, includes the Coastal Plains, the Piedmont Plateau and part of the Limestone Valley and Allegheny Mountain provinces, the latter occupying the South Mountains, Welsh Mountains, Reading Hills and a few other mountainous masses of this section. The second section lying between Blue Mountain and the Allegheny escarpment and embracing the northern end of the Appalachian Mountain system, includes part of the Allegheny Mountain, Limestone Valley and Glacial provinces. The third section, lying west and north of the Allegheny escarpment, occupies a much dissected plateau which includes the remainder of the Allegheny Mountain and Plateau and the Glacial provinces.

The **Coastal Plains** province occurs only in a very small area adjacent to the Delaware River in southeastern Pennsylvania and the **Glacial Lake** in a narrow belt of benches or terraces along the shore of Lake Erie in the northwestern part of the State. In Pennsylvania the Sassafras is the only important series of the former and the Dunkirk of the latter.

The **Piedmont Plateau** lies to the west of the Coastal Plains and occupies the larger part of southeastern Pennsylvania. Its most important series are the Chester, Manor, Penn and Lansdale.

The **Limestone Valley** is not continuous geographically but includes all the soils derived from limestone rocks. It lies almost entirely east of the Allegheny escarpment. The Hagerstown is the most extensive series.

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[1] Adapted from Bulletin 132 of the Pennsylvania State College, "Soils of Pennsylvania," by Charles F. Shaw, and Bulletin 164, "Lime Requirement of Pennsylvania Soils," by J. W. White.

[2] 16,721 square miles; total area 44,832 square miles.

[3] A soil province is an area having the same general physiographic expression in which the soils have been produced by the same forces or groups of forces and throughout which each rock or soil material yields to equal forces, equal results. A soil series is a group of soils having the same range in color, the same character of subsoil, particularly as regards color and structure, broadly the same type of relief and drainage, and a common or similar origin. (In short, a group of soils that differ only in texture). A soil type is a soil which throughout the area of its occurrence has the same texture, color, structure, character of subsoil, general topography, process of derivation and derivation from the same material. A soil class includes all soils having the same texture, such as sandy clays, loams, etc.

[4] Soils are described as "residual" when they are formed by weathering without transportation and occupy the site formerly occupied by the parent rock. Soils are known as "glacial" when formed and transported by the action of moving ice sheets. "Alluvial soils" are those that have been transported and deposited by steam action. "Lacustrine soils" have been transported and deposited in lakes. "Colluvial soils" are those transported by gravity, i. e. talus slopes.

TABLE 7—Brief Classification of the More

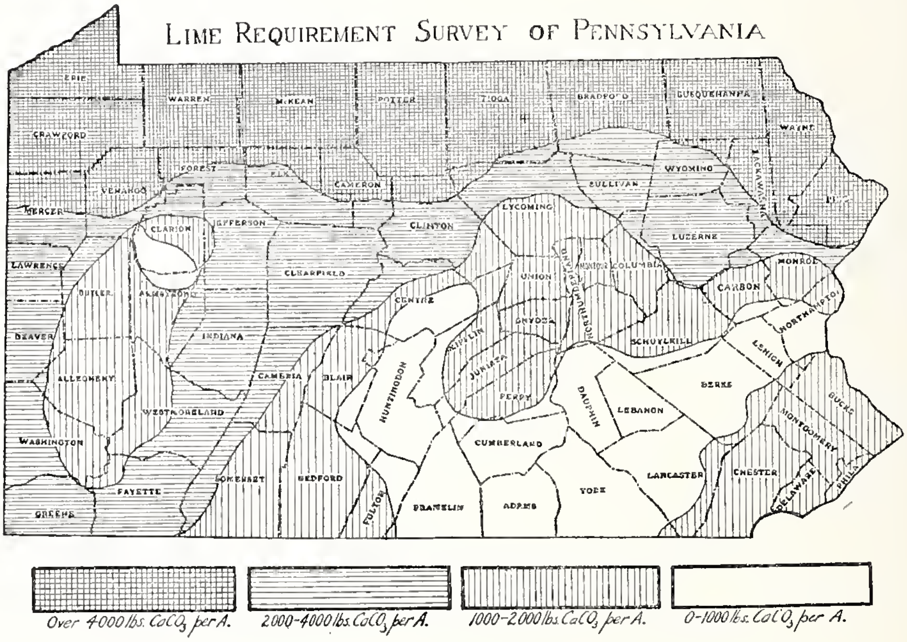
Name of soil series	Soil province	Formation and origin	Prevailing types	Color of surface
DeKalb	Allegheny Mountains	Residual Soil. — Formed by the weathering of hard sandstone and thin-bedded platy shale.[4]	Stony loam and silt loam. Much rough stony land	Gray to grayish brown
Upshur	Allegheny Mountains	Residual Soil. — Formed by the weathering of thin bedded sandstone, Chemung shale and Mauch Chunk shale.	Shale loam and stony loam	Yellowish red to deep red
Volusia	Glacial	Glacial Soil.—Formed by glacial till and decomposed material from underlying shale and sandstone.	Silt loam and shale loam	Gray to grayish brown
Lackawanna	Glacial	Glacial Soil.—Derived from feeble glaciation of red sandstone and shale together with mixture of weathered underlying rocks.	Shale loam. Small areas of loam and silt loam	Red to yellowish red
Westmoreland	Allegheny Mountains	Residual Soil. — Derived from weathered interbedded sandstone and shale, together with layers of limestone and calcareous shale.	Silt loam	Grayish to yellowish brown
Hagerstown	Limestone Valleys	Residual Soil.—Derived from the weathering of Trenton limestone. The soil usually rests on the unchanged limestone rock.	Clay loam and silt loam	Yellowish to reddish brown
Chester	Piedmont Plateau	Residual Soil.—Derived from the weathering of igneous and metamorphic rocks.[5]	Loam and stony loam	Yellowish brown
Berks	Limestone Valleys	Residual Soil.—Derived from the weathering of thin bedded shale, sandstone and slate.[6]	Shale loam	Yellow brown
Penn	Piedmont Plateau	Residual Soil.—Derived from sedimentary rock, mainly red shale and thin bedded sandstone.	Silt loam and loam	Reddish brown to Indian red
Lansdale	Piedmont Plateau	Residual Soil.—Derived from sedimentary rock-sandstone and shale.	Silt loam	Dark gray
Manor	Piedmont Plateau	Residual Soil.—Derived from mica schists and schistose gneisses. At a depth of 2–4 feet the subsoil is a mass of mica flakes.	Loam and stony loam	Yellowish brown
Chenango Holston Wheeling	River Flood Plains and Terraces	Alluvial Terrace Soils.—Lie above the present overflow and represent the earlier deposits of the stream.	Sandy to gravelly	Light brown to yellow
Warren	Glacial	Residual and Glacial.—Formed by the weathering of shale and sandstone mixed with glacial material.	Silt loam and loam	Grayish
Sassafras	Coastal Plains	Alluvial Soil. — Formed from sea deposits reworked by wave current and made up of glacial debris, sandstone, shale, granite, etc.	Silt loam and fine sandy loam	Brownish to yellowish brown
Dunkirk	Glacial Lake and Terrace	Glacial Soil.—Formed from weathered glacial lake deposits laid down in Lake Erie during the Glacial Period.	Gravelly loam and sandy loam	Brown to grayish brown
Montalto Porters Murrill	Piedmont Plateau	Residual Soil. — Formed from weathering of trap rock locally known as "ironstone".	Stony loam	Reddish brown to yellowish red
Genesee Barbour Huntingdon Moshannon	River Flood Plain and Terrace	Alluvial Soil.—Formed from various material transported and deposited by streams. The Genesee and Barbour are of glacial material.[7]	Gravelly and sandy loam, silt loam	Genesee and Huntingdon, brown; other series, red

See footnotes at bottom of page 26.

Extensive Soil Series of Pennsylvania[1]

Topography	Drainage	Location in the State	Proportion of State soil area	Erosion	Average[2] lime requirement
					Lbs.
Narrow Mt. ridges. Long ridged valleys and rounded, steep sided hills	Good to excessive	West central north to south border. East central to east border	43.5% (12,541,312 acres)	Severe	4672
Irregular shaped valleys, rolling to hilly	Good to excessive	East central and south central to southern border. Associated with DeKalb	3.4% (980,663)	Severe	4815
Rolling plateau; deep slopes; smooth, contoured hills; narrow, steep valleys	Poor	Northeast and northwest border	19.4% (5,614,656)	Severe	4833
Practically same as Volusia. Hilltops, slopes and rolling, steep sided valleys	Medium	Northeast associated with Volusia	2.3% (661,440)	Severe	4983
Rolling to hilly, with some level upland	Medium to good	Southwestern	8.5% (2,453,184)	Severe	2622
Gently rolling with many nearly level areas. Limited areas rather hilly.	Excellent	Central and southeastern limestone valleys	4.3% (1,265,536)	Negligible	683
Rolling to hilly, considerable rough, stony land	Good	Southeastern	3.0% (876,672)	Considerable sheet erosion	1856
Low rounded hills and ridges with narrow, steep sided valleys	Excessive	Contiguous to limestone valeys southeast	2.8% (821,376)	Severe	645
Rolling to hilly with many nearly level areas	Medium to poor	Southeast associated with Lansdale soils	2.3% (684,992)	Medium	1679
Rolling to hilly with many nearly level areas	Medium to poor	Southeast	1.0% (292,032)	Medium	1873
Rolling to hilly with steep slopes along streams	Good	Southeast	1.1% (320,384)	Severe	([3])
Level terraces above overflow as remnants of deposits	Well drained	Along almost all the streams in the State	0.7% (207,872)		1592
Narrow strips between DeKalb and Volusia soils in 2 counties.	Good	In Warren and Crawford counties between DeKalb and Volusia	0.3% (85,130)		8579
Gently sloping surface of low eroding terraces from sea level to 200 feet	Medium	Along Delaware river, southeastern border of Bucks, Philadelphia, and Delaware counties	0.4% (127,424)		3610
Several well defined terraces east of Erie. West of Erie one or two long sloping terraces	Medium to poor	Along Lake Erie, northwestern border of Erie County	0.2% (81,920)		3610
Formed on top or flank of South Mts., Reading hills and Welsh Mts.	Good	West border of Adams and York counties into southeast Cumberland and Franklin counties	0.9% (255,296)		00
Along the various State streams. Genesee and Barbour in glaciated area.	Medium to poor	Along all streams in State occupying narrow strips	1.8% (514,432)		3966 2899

The **Allegheny Mountain and Plateau** province occurs in two characteristic conditions: south and east of the Allegheny escarpment as a group of more or less parallel or coalescing mountain ranges; north and east, as a plateau broken by occasional mountain ridges. The DeKalb series is most extensive, though the Westmoreland, Upshur and Berks series cover considerable areas.



Map by courtesy of the School of Agriculture, The Pennsylvania State College

FIG. 10—In general the lime needs of Pennsylvania soils increase with remoteness from the natural supplies which are greatest in southeastern Pennsylvania and other sections of the Great Limestone Valley province

The region now glaciated was originally of the same formation as the Appalachian province and still resembles the latter quite closely. The **Glacial** province was formed by the great continental ice sheet that extended over this area. The western part of the region has smoother topography than the eastern. The Volusia and Lackawanna are the leading series.

The principal soil series are described in detail in the accompanying classification (Table 7).

Footnotes to Table 7, pages 24-25.

[1] From Bulletin 164, "Lime Requirement of Pennsylvania Soils", School of Agriculture and Experiment Station, The Pennsylvania State College, State College, Pa.

[2] Unlimed soils.

[3] Insufficient number of samples.

[4] West of the Allegheny crest the DeKalb soils are formed from hard sandstone and thick shale and soft sandstone.

[5] Principally gneiss and mica schists and gabbro diorite.

[6] Lying above the Trenton limestone. Berks series also developed as belts along sides of Limestone Valley.

[7] The Huntingdon and Moshannon series are unglaciated and were formed from shale, sandstone and some limestone. Found in parts of the State outside the glaciated area.

Relative Lime Requirement of the Soils of 45 Pennsylvania Counties.

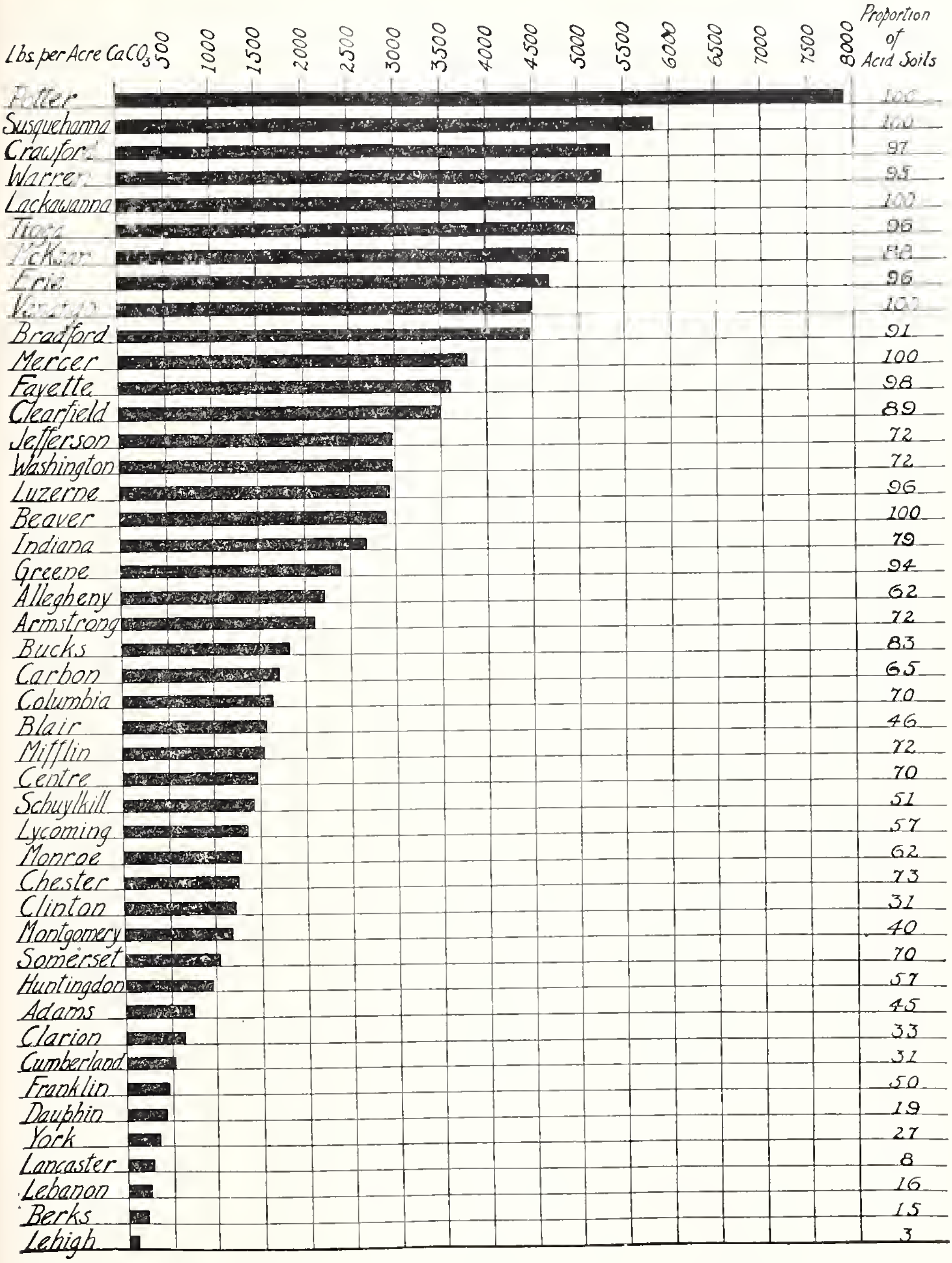


Chart by courtesy of the School of Agriculture, The Pennsylvania State College

FIG. 11—Pennsylvania's most productive soils are those having the greatest natural lime content. Lime and phosphorus make the foundation upon which to build any system of permanent agriculture. Lime is abundant in many parts of the State but phosphorus must be supplied chiefly through commercial fertilizers

THE FORESTS OF PENNSYLVANIA

H. B. Phillips

Pennsylvania Department of Forests and Waters

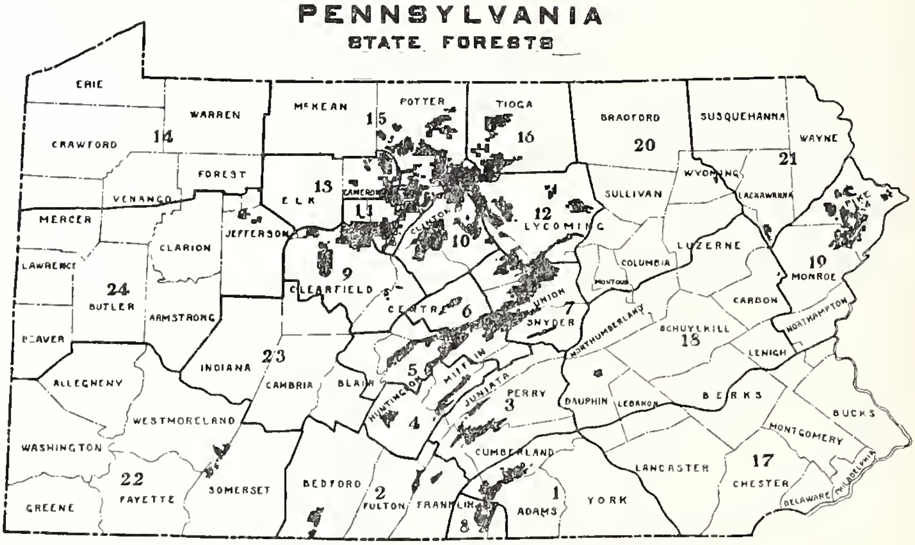
Pennsylvania was originally one of the best timbered states in the East. More than 97 per cent of her total area was forested. Her original forests were densely stocked with fine trees of valuable species, great size and excellent form. The present forests abound with scattered trees of poor form and inferior quality, and stands of low productive capacity.

Pennsylvania's average acre of original forest carried 20,000 board feet of lumber and 10 cords of branchwood. Today, the average acre carries less than 1,000 board feet of lumber and 4 cords. The total volume of the present average acre amounts to but 7 cords—less than the branchwood alone of the virgin forests.

While the lumber industry played a big part in building this busy Commonwealth, our forests were for many years mishandled without view to the return of succeeding crops of trees. Improvident lumbering and unrestricted fires, that laid waste and have kept idle a vast expense of potentially productive acres, now oblige us to import 84 per cent of our lumber, 75 per cent of our pulpwood and large quantities of mine timbers, railroad ties and other necessary forest products.

Adequate Forest Land Available

Our forest situation is all the more amazing when we realize that we could be almost self-supporting in wood supplies. We have the forest land, adapted to growing trees and needed for nothing else, but we are confronted with deplorably deficient woodlands. The whole situation can be simply summarized in one short sentence: Our methods of lumbering did not provide for regrowth. In the past we handled our forests like mines, instead of crops as they truly are.



Map by courtesy of Pennsylvania Department of Forests and Waters

FIG. 12—State-owned forest lands (in black) amounted to 1,132,444 acres on June 1, 1927. The forest districts on the map are: 1. Michaux, 2. Buchanan, 3. Tuscarora, 4. Rothrock, 5. Logan, 6. Penn, 7. Bald Eagle, 8. Mont Alto, 9. Moshannon, 10. Sproul, 11. Sinnemahoning, 12. Tiadaghton, 13. Elk, 14. Cornplanter, 15. Susquehannock, 16. Tioga, 17. Valley Forge, 18. Weiser, 19. Delaware, 20. Wyoming, 21. Lackawanna, 22. Forbes, 23. Gallitzin, 24. Kittanning

A classification of the forests of the State, based upon the character of the present stand, was recently made by the Department of Forests and Waters. The subjoined results of this general survey help one to see why our present forests cannot for years to come relieve our timber shortage.

TABLE 8—Character of Forest Stands in Pennsylvania

Forest Classes by Character of Growth	Total area	
	Acres	Per cent
1. Bracken, fire weeds, huckleberries, briars, etc.,	300,668	2.5
2. Scrub oak, aspen, fire cherry, etc.,	1,565,506	12.0
3. Sapling stands up to 6 inches in diameter	7,594,419	57.5
4. Forest stands with 50% or more trees over 6 inches	3,745,407	28.0
Total forest land area	13,206,000	100.0

This cross-section of Pennsylvania's present forests, of course, covers a wide range of conditions from the most scantily wooded acres to the remnants of virgin woods. As a class, however, the farm forests are the best wooded. They carry an average of 12 cords to the acre. They contain the bulk of the best timber in the State. Comprising about 4,000,000 acres or roughly one-third of our total forest area, they have sixty per cent of the standing timber in the State. Next to the farm forests the State Forests are best stocked, as the following table indicates:

TABLE 9—Volume of Forest Stands in Pennsylvania, by Ownership

	Area	Volume of stand	
		Per acre	Total volume
	Acres	Cords	Cords
Forests owned by farmers	[1] 4,043,902	12.0	48,526,824
State-owned forests	1,132,444	4.5	5,095,998
Other forests	8,029,654	3.5	28,082,789
Total forest area	13,206,000	6.2	81,705,611

[1] At the 1920 census.

The forests of Pennsylvania need relief. Our tree problem is the most serious crop problem that confronts us. Just as other crops the tree crop requires special methods of handling. Its peculiar features are the long term of maturity and the use of thousands of acres of land too rough and rocky for the plow, primarily adapted to tree growth and unfit for other crops.

Progress Being Made

Someone aptly summed up good forestry as "Protection-Production-Perpetuation." The protection of our forests from fire is steadily progressing. In 15 years the size of the average forest fire in Pennsylvania has been reduced four-fifths, from 400 to less than 50 acres. Production, of course, is the vital thing. Two phases of production that deserve major attention are the planting of idle lands, and improved methods of increasing yields. The total number of trees distributed for reforestation in Pennsylvania by the Department of Forests and Waters, has just passed the 100,000,000 mark. More than 36,000,000 of these were planted on the State Forests, and over 60,000,-

TABLE 10—State-owned Forest Lands, Pennsylvania, January 1, 1927

[Pennsylvania Department of Forests and Waters]

County	Acres	County	Acres
Total	1,132,444		
		Juniata	3,534
Adams	20,887	Lackawanna	5,275
Bedford	10,756	Luzerne	11
Cameron	83,056	Lycoming	104,635
Carbon	436	Mifflin	50,840
Centre	79,388	Monroe	6,400
Clearfield	65,069	Perry	29,468
Clinton	143,829	Pike	58,370
Cumberland	21,720	Potter	158,785
Dauphin	3,808	Snyder	20,320
Elk	22,767	Somerset	6,150
Franklin	34,880	Tioga	67,069
Fulton	6,396	Union	54,193
Huntingdon	62,431	Westmoreland	5,113
Jefferson	5,681	Wyoming	1,177

000 on private lands. Two-thirds or more of the private plantings have been made by farmers, in many cases on abandoned farm land, hundreds of thousands of acres of which had accumulated in Pennsylvania in the past twenty-five years.

Two thousand trees are commonly planted on an acre, of which number approximately one-tenth will finally remain in the mature stand. By the twentieth to the twenty-fifth year, about one-half of the trees in the original planting will have been eliminated, if not in the race for the survival of the fittest, then in the first systematic thinning which is made at that stage of growth. This leaves 1,000 tall, straight, rapid growing trees, about five inches in diameter, as a basis for the merchantable crop.

TABLE 11—Forest Tree Planting Made on State Forests and on Private Lands, Pennsylvania, 1899-1927

[Pennsylvania Department of Forests and Waters]

Year	Number of trees planted		Year	Number of trees planted	
	On State forests	On private lands [1]		On State forests	On private lands [1]
Total	36,813,919	64,611,896			
			1913	3,164,637	47,770
1899	1,000		1914	3,393,571	108,685
1900	1,500		1915	4,315,436	115,577
1901			1916	5,492,020	1,471,875
1902	5,000		1917	3,595,720	1,812,997
1903	1,600		1918	6,033,760	2,186,899
1904	7,700		1919	2,132,547	3,139,531
1905	40,000		1920	238,298	2,543,374
1906	99,550		1921	177,960	3,041,710
1907	36,930		1922	133,221	3,670,621
1908	100,628		1923	551,462	5,437,817
1909	738,461		1924	424,380	8,577,464
1910	1,092,213	66,374	1925	362,100	8,604,091
1911	1,663,661	25,360	1926	560,525	9,768,879
1912	1,890,404	66,854	1927	559,635	13,926,018

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[1] Includes only trees from nurseries of the Pennsylvania Department of Forests and Waters.

The planting of idle acres is merely the beginning of new forests. As the trees increase in size, man may assist them in returning satisfactory yields and producing a paying crop. Half of the wood yield of a well managed forest is frequently removed in thinnings throughout the forest "rotation". This is true of both planted forests and well stocked natural stands. A study of the forests of Pennsylvania indicates that the average possible wood production of all her forest lands, is just about one cord per acre per year, with the better forest soils, including farm wood-lots, exceeding this yield.

Farm Woodlots Favorably Situated For Increased Yields

The farm forest lands are among the most productive forest lands in Pennsylvania. This is but one of their favorable features. They are among the best protected from fire, since the owners live nearby. The farmer has the tools, including horses and tractors, necessary to forest development. The farm forest provides work and revenue and profits in winter and other slack periods. Farm forests enjoy the peculiar advantage of being owned and operated by men who not only understand crops, but are directly interested in their improvement.

That the farmers of Pennsylvania have done well by tree planting is evident. But more attention needs to be given to the improvement of existing forests and increasing their wood production. Agriculture is not content with the crop returns of old. In the past 40 years crop yields have been considerably improved. The average yield of corn in Pennsylvania from the first to the last decade of this period, has been increased from 30 to 43 bushels; potatoes from 75 to 100 bushels; wheat from 13 to 18 bushels. But the forests of Pennsylvania, capable of producing on the average a cord per acre per year, are growing at the low rate of but a quarter of a cord annually.

TABLE 12—Acquisition of State Forest Land in Pennsylvania, 1898-1926

[Pennsylvania Department of Forests and Waters]

Year	Yearly purchases			Cumulative purchases		
	Acres [1]	Total cost [2]	Ave. cost per acre	Acres [1]	Total cost [2]	Ave. cost per acre
1898	17,010	$2,752	$0.16	17,010	$2,752	$0.16
1899	-----	-----	-----	-----	-----	-----
1900	78,131	131,326	1.68	95,141	134,079	1.41
1901	44,397	72,181	1.62	139,537	206,260	1.48
1902	175,035	407,079	2.32	314,572	613,339	1.95
1903	87,985	234,337	2.66	402,557	847,675	2.11
1904	142,243	361,144	2.54	544,800	1,208,819	2.22
1905	86,625	177,484	2.05	631,425	1,386,303	2.20
1906	67,848	169,693	2.50	699,274	1,555,996	2.23
1907	50,835	120,063	2.36	750,109	1,676,059	2.23
1908	75,231	182,454	2.42	825,340	1,858,513	2.25
1909	88.301	194,866	2.21	913,640	2,053,380	2.25
1910	17,184	44,518	2.59	930.824	2,097,898	2.25
1911	32,426	67,378	2.08	963,250	2,165,275	2.25
1912	16,023	49,782	3.11	979,273	2,215,058	2.26
1913	11,777	44,647	3.79	991,051	2,259,705	2.28
1914	9,355	19,632	2.10	1,000,405	2,279,337	2.28
1915	3,639	8,297	2.28	1,004,045	2,287,634	2.28
1916	8,136	22,892	2.81	1,102,180	2,310,526	2.28
1917	5,593	11,192	2.01	1,017,774	2,321,717	2.28
1918	14,460	28,119	1.94	1,032,233	2,349,836	2.28
1919	16,459	41,910	2.55	1,048.693	2,391,746	2.28
1920	59,783	122,738	2.05	1,108,476	2,514,483	2.27
1921	17,761	31,922	1.79	1,126,237	2,546,406	2.26
1922	4,274	12,832	3.00	1,130,511	2,559,238	2.26
1923	766	-----	-----	1,131,277	2,559,238	2.26
1924	334	860	2.57	1,131,611	2,560,097	2.26
1925	172	201	1.17	1,131,783	2,560,298	2.26
1926	661	1,274	1.93	1,132,444	2,561,573	2.26

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[1] Purchase records are kept by acres and perches (160 perches to the acre). The slight variation between the cumulative purchases and the yearly figures is caused by rounding perches to the nearest acre.

[2] Cents rounded to nearest dollar.

CAPITAL INVESTED IN AGRICULTURE IN PENNSYLVANIA

In capital invested, agriculture is the second ranking productive industry in Pennsylvania. The value of her 200,443 farms is placed at $1,170,172,000 by the 1925 Federal Census; the estimated value of implements and machinery and of livestock is $140,652,000 and $149,878,000 respectively, making a total investment of $1,460,702,000.

This amount, though equivalent to only two-thirds of the capital invested in the metal and metal product industries of Pennsylvania, exceeds by $75,-

TABLE 13—Farms, Farm Population and Value of

[U. S. Bureau

	State	Farms			Farm population	
		Number	Area	P. ct. of total land area	Number	P. ct. of total population
	UNITED STATES[2]	6,371,640	Acres 924,319,352	48.6	28,981,668	25.5
1	Alabama	237,631	16,739,139	51.0	1,166,432	47.2
2	Arizona	10,802	11,065,291	15.2	71,954	17.5
3	Arkansas	221,991	15,632,439	46.5	999,840	53.8
4	California	136,409	27,516,955	27.6	531,008	13.1
5	Colorado	58,026	24,173,465	36.4	250,492	24.5
6	Connecticut	23,240	1,832,110	59.4	107,154	7.0
7	Delaware	10,257	899,641	71.5	44,662	19.0
8	Florida	59,217	5,864,519	16.7	262,181	22.5
9	Georgia	249,095	21,945,496	58.4	1,309,584	42.7
10	Idaho	40,592	8,116,147	15.2	172,216	34.8
11	Illinois	225,601	30,731,947	85.7	996,368	14.3
12	Indiana	195,786	19,915,120	86.3	798,157	26.0
13	Iowa	213,490	33,280,813	93.6	951,558	38.8
14	Kansas	165,879	43,729,129	83.6	701,768	38.8
15	Kentucky	258,524	19,913,104	77.4	1,163,001	46.7
16	Louisiana	132,450	8,837,502	30.4	696,179	37.0
17	Maine	50,033	5,161,428	27.0	191,062	24.4
18	Maryland [3]	49,140	4,437,211	69.3	250,001	12.2
19	Massachusetts	33,454	2,367,629	46.0	149,238	3.6
20	Michigan	192,327	18,035,290	49.0	791,553	19.0
21	Minnesota	188,231	30,059,137	58.1	875,749	34.1
22	Mississippi	257,228	16,053,243	54.1	1,129,107	63.1
23	Missouri	260,473	32,641,893	74.2	1,094,037	31.5
24	Montana	46,904	32,735,723	35.0	182,885	28.1
25	Nebraska	127,734	42,024,775	85.5	566,660	41.7
26	Nevada	3,883	4,090,586	5.8	17,034	22.0
27	New Hampshire	21,065	2,262,064	39.1	77,450	17.2
28	New Jersey	29,671	1.924,545	40.0	139,255	4.0
29	New Mexico	31,687	27,850,325	35.5	147,482	38.8
30	New York	188,754	19,269,926	63.2	767,500	6.9
31	North Carolina	283,482	18,593,670	59.6	1,446 881	52.3
32	North Dakota	75,970	34,327,410	76.4	572,886	56.5
33	Ohio	244,703	22,219,248	85.2	1,031,718	16.3
34	Oklahoma	197,218	30,868,965	69.5	925,690	41.2
35	Oregon	55,911	14,130,847	23.1	210,288	24.8
36	PENNSYLVANIA	200,443	16,296,468	56.8	910,847	9.7
37	Rhode Island	3,911	309,013	45.3	18,663	2.8
38	South Carolina	172,767	10,638,900	54.5	911,885	51.1
39	South Dakota	79,537	32,017,986	65.1	361,779	53.9
40	Tennessee	252,669	17,901,139	67.1	1,173,316	48.3
41	Texas	465,646	109,674,410	65.3	2,114,532	41.3
42	Utah	25,992	5,000,724	9.5	108,856	22.0
43	Vermont	27,786	3,925,683	67.2	114,188	32.4
44	Virginia	193,723	17,210,174	66.8	980,162	39.9
45	Washington	73,267	12,610,310	29.5	288,673	19.5
46	West Virginia	90,380	8,979,847	58.4	455,204	28.3
47	Wisconsin	192,155	21,850,853	61.8	893,352	31.8
48	Wyoming	15,512	18,663,308	29.9	61,181	27.4
	UNITED STATES[1]	6,371,646	924,325,547	48.6	28,981,668	25.5

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[1] Only for those crops whose production was reported in 1924.

[2] Latest revised data, May 26, 1927.

[3] Including District of Columbia.

000,000 the combined capital invested in her mines and quarries, clay glass and stone product industries and the manufacturing and remanufacturing of lumber. The investment in agriculture approximates that in the electric utility, telegraph and telephone companies of the State.

As late as 1900, Pennsylvania was the fifth State in value of all farm property, being outranked by only Illinois, Iowa, Ohio and New York, in the order named. Pennsylvania ranked fifteenth both in capital invested in agriculture and in the value of crops reported, according to the 1925 Census.

Farm Property and Crops, United States, By States, 1925
of the Census]

Value of farm property					Crops		
Total	Land	Buildings	Implements and machinery	Livestock	Value [1]	Rank	
1,000 dolls.	1,000 dolls.	1,000 dolls.	1,000 dolls.	1,000 dolls.	1,000 dolls.		
57,017,740	37,721,018	11,746,629	2,691,704	4,858,789	7,472,449	------	
500,741	308,664	106,195	23,851	62,031	181,026	18	1
194,049	126,788	17,226	6,928	43,107	23,740	39	2
628,847	420,735	119,992	31,255	56,865	198,021	14	3
3,424,786	2,788,511	363,977	113,488	158,810	154,883	23	4
712,441	494,111	98,500	33,473	86,357	90,779	30	5
230,881	91,337	110,594	11,616	17,334	25,104	38	6
72,798	34,435	25,241	5,906	7,216	11,848	45	7
513,885	415,869	63,073	14,504	20,439	21,833	43	8
686,673	433,649	153,905	26,986	72,133	207,191	12	9
451,885	309,769	63,557	26,526	52,033	53,497	32	10
4,628,345	3,426,455	773,004	147,104	281,782	447,250	2	11
1,931,743	1,268,777	426,964	79,740	156,262	206,676	13	12
5,602,077	3,969,814	984,632	227,282	420,349	420,019	3	13
2,504,319	1,833,379	364,572	111,288	195,080	374,397	4	14
963,569	616,214	231,213	30,629	85,513	164,040	22	15
385,911	251,738	72,940	21,333	39,900	106,611	27	16
245,868	97,524	99,746	24,491	24,107	32,796	35	17
402,096	210,838	135,319	22,993	32,946	49,586	33	18
293,405	110,437	144,166	17,044	21,758	22,550	42	19
1,523,977	764,871	519,191	96,253	143,662	153,585	24	20
2,761,685	1,796,600	597,142	137,965	229,977	308,250	7	21
550,570	347,002	112,116	28,323	63,129	177,006	19	22
2,286,639	1,562,725	440,561	75,955	207,398	249,142	9	23
574,897	389,514	65,881	30,633	88,869	95,933	28	24
2,874,478	2,125,792	398,282	111,799	238,605	314,498	6	25
98,086	59,031	8,966	3,715	26,374	8,456	47	26
107,114	37,226	49,407	8,988	11,493	10,196	46	27
311,083	130,331	132,205	23,452	25,095	32,539	36	28
236,301	152,033	22,884	8,713	52,671	24,925	40	29
1,706,929	646,980	720,145	169,385	170,419	171,544	21	30
1,050,017	686,425	239,601	46,437	77,554	236,571	11	31
1,191,036	813,722	206,381	76,631	94,302	284,550	8	32
2,236,902	1,299,024	646,607	97,893	193,378	240,972	10	33
1,210,134	879,335	169,422	58,379	102,998	330,120	5	34
714,410	505,141	110,927	35,643	62,699	57,875	31	35
1,460,702	555,146	615,026	140,652	149,878	196,586	15	36
33,446	13,543	14,377	2,064	3,462	2,204	48	37
523,085	347,087	110,536	23,105	42,357	140,297	25	38
1,658,921	1,201,015	236,273	75,411	146,222	188,497	17	39
883,645	555,943	203,483	40,746	83,473	171,878	20	40
3,471,868	2,625,157	420,114	141,899	284,698	756,106	1	41
250,318	159,703	32,499	10,097	48,019	26,603	37	42
180,912	63,865	73,406	18,130	25,511	22,929	41	43
999,466	600,676	286,138	40,021	72,631	139,445	26	44
823,467	584,386	142,504	41,235	55,342	91,950	29	45
411,160	251,793	104,361	15,687	39,319	42,465	34	46
2,272,427	1,209,877	688,889	146,883	226,778	185,639	16	47
240,396	148,168	24.508	9,172	58,548	18,889	44	48
57,018,390	37,721,155	11,746,648	2,691,704	4,858,883	7,472,297	------	

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[4] The U .S. total is a summation of the columns giving the latest information available before the revision.

FARMS AND LAND AREA OF PENNSYLVANIA

A "farm," for Federal census purposes, is all the land being used for agricultural operations by one person, partnership, or corporation. The area must be at least 3 acres, but not necessarily all in one tract, or, if less than 3 acres, the value of its products for the census year must be at least $250.00. The land may be either owned or rented or part owned and part rented.

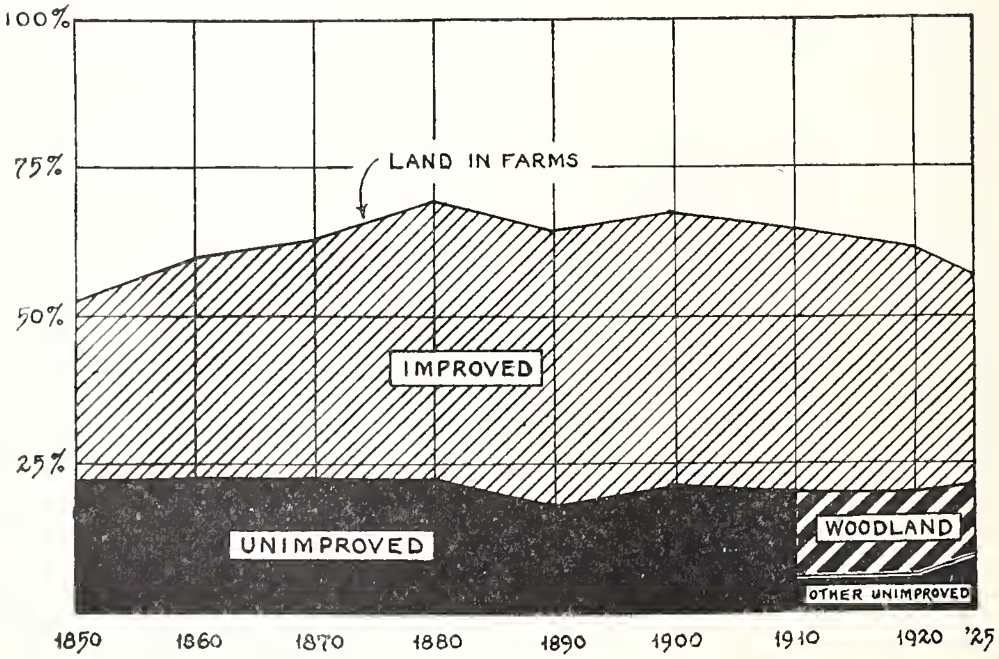
A "farm" as defined by the State Census of 1924 was limited to areas of 3 acres or more; in the State Census of 1927, the definition by the Federal Census has been adopted, i. e., areas less than 3 acres will be included provided the value of the products is at least $250.00. It must be borne in mind that if land is only pastured it is used for an agricultural purpose.

A "farmer" or more properly "farm operator" is the person, partnership or corporation which is directly responsible for the operation of a farm as described above, performing the labor either alone or with the assistance of the other members of the household or of hired employees. Consequently, there will be just as many "farmers" as there are farms.

Land and Farm Area

The land area of the State, 28,692,480 acres, is divided into 67 counties, the largest of which is Lycoming (780,968 acres) and the smallest Philadelphia (81,920 acres). There are four other counties over 700,000 acres in size ranking as named: Centre, Bradford, Tioga and Clearfield, and only one other than Philadelphia with an area less than 100,000 acres—Montour (83,200 acres).

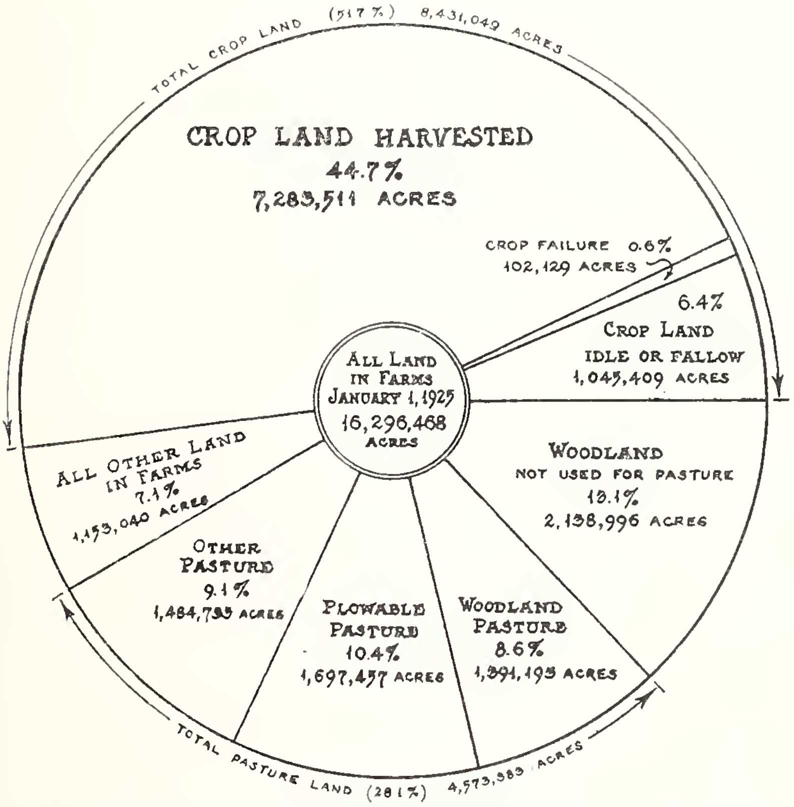
In 1850, 52 per cent of the land area was in farms; in 1880, the percentage was 69 at which time, in all probability, it had reached the maximum. In 1925 less than 57 per cent of the land area, or 16,296,468 acres, was in farms.



[U. S. Census data]

FIG. 13—Percentage of Land Area in Farms, Pennsylvania, 1850-1925. The unimproved farm area has remained fairly constant while improved farm acreage has varied, accounting for the change in total farm area

The decrease in total farm area of Pennsylvania between the Censuses of 1920 and 1925 amounted to over 1,360,000 acres. The decrease was general in all counties except Elk, Forest and Warren which reflected small increases. Greene and Washington in the southwestern part of the State, Lancaster, York, Centre and Adams in the southeastern, Erie, Crawford and Mercer in the northwestern and Bradford and Susquehanna in the northeastern, lead the counties in the percentage of their land area in farms. Only 5.7 per cent of the land area of Cameron County is in farms, and it with Elk, Forest and Clinton forms a belt of counties lying just northwest of the center of the State in none of which the farm area is in excess of 18.5 per cent of the total land area.



[U. S. Census data]

FIG. 14—Pennsylvania Farm Land Utilization, 1924. Forty-five per cent of Pennsylvania's farm land was devoted to crop production in 1924. Half of the remaining farm land was used for pasturage

Crop Land Area

Of the land in farms in 1924 (56.8 per cent of the total land area), 51.7 per cent was crop land. Of this crop land 86.4 per cent was harvested, 12.4 per cent was idle or fallow and 1.2 per cent crop failure. Of the land in farms, 28.1 per cent was pasture of which approximately three-eighths was plowable and three-tenths woodland pasture. Woodland not pastured was 13.1 per cent of the farm area, while rough, swampy or waste land in neither forest, pasture nor crops and lands occupied by buildings, barnyards, feed lots, roads, etc., constitute the remaining 7.1 per cent.

In 1924, Cumberland led the counties in percentage of farm land harvested for crops (74.3 per cent). Lancaster County ranked second with 73.1 per cent. In the percentage of county land area in crops harvested in 1924, Lancaster ranked first with 63.2 per cent; York County was second with 54.2 per cent, Cumberland third with 52.9 per cent and Montour County fourth with 52.4 per cent.

Only 8 per cent of the land in farms, or less than 3 per cent of the land area, in Pike County was harvested for crops. Though 24.3 per cent of the farm land in Cameron County was in crops harvested, the acreage harvested represented less than 1.4 per cent of the area of the County.

In Greene County, 48.6 per cent of the farm area was in plowable pasture and in Washington County 40.8 per cent. These two are the leading sheep counties of the State.

In 1850, the number of farms in the State was 127,577 and the average size per farm 116.9 acres. The number was largest in 1900 but the total acreage of land in farms reached the maximum in 1880.

Number and Size of Farms

The 200,443 farms in Pennsylvania in 1925 were classified according to size as follows: Under 3 acres, 986; 3 to 9 acres, 18,187; 10 to 19 acres, 17,193; 20 to 49 acres, 37,367; 50 to 99 acres, 61,438; 100 to 174 acres, 49,263; 175 to 259 acres, 11,602; 260 to 499 acres, 3,813; 500 to 999 acres, 480; 1,000 to 4,999 acres, 106; 5,000 acres and over, 8. Farms ranging from 50 to 99 acres are most numerous. Approximately two-thirds of the farms are less than 100 acres in size and are probably operated with but very little hired labor.

Since 1900, the number of farms has decreased approximately 24,000, the decrease in the census numbers of those in excess of 50 acres being continuous and totaling 20,000. From 1920 to 1925 the total number of farms decreased 1800. During that period, the number of farms less than 50 acres in size increased 5,300; the number in excess of 50 acres decreased 7,100.

Since 1850, each succeeding Census, with the one exception of 1920, when agriculture still reflected the expansion stimulated by the War, showed a decline in average size per farm, the average in 1925 being 81.3 acres. In that year, farms in Pike County ranked largest in average size (170.1 acres) with Huntingdon, Potter, Fulton and Bedford Counties following in the order named. Average size of farms was least in Philadelphia County—only 41.9 acres. Lancaster County, the richest agricultural county in the State, was second with an average of 45.5 acres.

TABLE 14—Farms, Farm Land Area and Decrease in Farm Acreage Between Census Periods, January 1, 1920 and 1925

[Reports of U. S. Bureau of the Census]

District [1]	Number of farms		Land in farms		Decrease in farm acreage during period	Average size of farms	
	Jan. 1 1920	Jan. 1 1925	Jan. 1 1920	Jan. 1 1925		1920	1925
PENNSYLVANIA	202,250	200,443	Acres 17,657,513	Acres 16,296,468	Acres 1,361,045	Acres 87.3	Acres 81.3
1. Northwestern	21,643	22,199	1,876,158	1,815,980	60,178	86.7	81.8
2. North Central	18,693	18,697	2,099,552	2,015,433	84,119	112.3	107.8
3. North Eastern	9,849	9,962	1,095,743	1,014,308	81,435	111.3	101.8
4. West Central	23,836	22,966	2,049,424	1,805,204	244,220	86.0	78.6
5. Central	28,020	28,182	2,705,456	2,486,931	218,525	96.6	88.2
6. East Central	15,477	14,472	1,195,732	1,028,238	167,494	77.3	71.1
7. Southwestern	24,112	24,303	2,286,245	2,131,299	154,946	94.8	87.7
8. South Central	23,080	23,213	2,106,565	1,954,975	151,590	91.3	84.2
9. Southeastern	37,540	36,449	2,242,638	2,044,100	198,538	59.7	56.1

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[1] For boundaries of districts, see Figure 18, page 58.

TABLE 15—Land Area and Farms, Pennsylvania, 1910-1925

[Reports of U. S. Bureau of the Census]

County	Land area	Farms								
		Per cent of land area			Number			Average size		
		1910	1920	1925	1910	1920	1925	1910	1920	1925
PENNA.	Acres 28,692,480	64.8	61.5	56.8	219,295	202,250	200,443	Acres 84.8	Acres 87.3	Acres 81.3
Adams	337,920	83.4	82.6	79.4	3,752	3,451	3,557	75.1	80.9	75.4
Allegheny	464,000	66.5	54.4	51.1	4.985	3,972	4,236	61.9	63.6	56.0
Armstrong	417,920	85.0	77.5	68.6	4,112	3,771	3,569	86.4	85.9	80.4
Beaver	274,560	83.7	80.1	70.1	2,525	2,514	2,415	91.0	87.4	79.7
Bedford	656,781	71.0	70.0	67.1	3,627	3,462	3,570	128.5	132.8	123.5
Berks	553,719	82.8	77.1	69.2	6,953	6,089	5,965	65.9	70.1	64.2
Blair	341,760	51.6	47.2	46.3	1,865	1,626	1,824	94.6	99.3	86.7
Bradford	732,958	85.1	83.3	80.2	5,824	5,290	5,104	107.0	115.4	115.2
Bucks	389,120	90.7	85.5	79.1	6,020	5,714	5,808	58.6	58.2	53.0
Butler	505,709	81.7	81.2	64.2	5,075	5,274	4,177	81.4	77.8	77.8
Cambria	458,880	49.7	43.3	39.0	2,761	2,398	2,392	82.6	82.8	74.7
Cameron	250,880	13.9	10.5	5.7	328	225	183	105.9	117.6	78.2
Carbon	259,840	37.1	35.3	31.3	936	949	934	102.9	96.6	87.0
Centre	733,598	39.1	36.6	32.7	2,608	2,295	2,105	110.0	116.9	113.9
Chester	497,280	85.2	85.3	79.5	5,666	5,508	5,249	74.8	77.0	75.3
Clarion	384,640	70.9	70.8	64.3	3,083	2,931	2,978	88.5	92.9	83.0
Clearfield	731,037	37.1	32.7	30.1	3,642	3,158	3,600	74.4	75.6	61.1
Clinton	562,041	21.5	20.5	18.5	1,268	1,065	1,148	95.1	108.3	90.7
Columbia	306,560	74.4	70.5	66.3	2,777	2,603	2,648	82.1	83.0	76.8
Crawford	664,463	87.4	85.7	82.6	7,115	6,521	6,578	71.6	87.3	83.4
Cumberland	337,920	77.9	78.2	71.2	3,043	3,115	3,022	86.5	84.8	79.6
Dauphin	333,440	64.3	65.2	58.9	2,684	2,517	2,607	79.9	86.5	75.3
Delaware	118,400	69.7	64.0	45.0	1,429	1,287	910	57.8	58.9	58.6
Elk	515,951	14.7	12.7	14.4	1,073	856	1,017	70.9	76.5	73.1
Erie	499,840	89.6	87.7	85.1	5,511	5,485	5,698	81.2	79.9	74.6
Fayette	508,910	62.6	55.4	53.1	3,818	3,267	3,557	83.4	86.3	76.0
Forest	270,720	18.2	16.4	16.7	549	416	450	89.7	106.7	100.6
Franklin	480,640	80.2	84.2	72.4	4,250	3,884	3,877	90.7	104.1	89.7
Fulton	257,280	76.5	71.8	63.3	1,424	1,350	1,284	138.2	137.2	126.8
Greene	367,360	96.5	95.0	87.1	3,282	3,168	2,915	108.0	110.1	109.8
Huntingdon	587,647	58.0	55.5	50.2	2,285	2,111	2,014	149.0	154.4	146.4
Indiana	530,674	81.6	74.1	65.7	4,459	3,935	4,062	97.1	99.9	85.9
Jefferson	426,240	58.5	57.2	53.1	3,165	2,947	3,161	78.7	82.7	71.5
Juniata	250,880	69.0	68.6	60.5	1,695	1,572	1,509	102.1	109.5	100.6
Lackawanna	288,640	46.5	46.6	42.1	1,692	1,698	1,717	79.3	79.2	70.8
Lancaster	602,370	91.4	92.1	86.5	10,835	11,307	11,457	50.8	49.1	45.5
Lawrence	230,400	84.1	80.8	77.6	2,594	2,464	2,604	74.7	75.5	68.7
Lebanon	230,400	75.3	72.1	71.0	2,525	2,372	2,429	68.7	70.0	67.3
Lehigh	220,160	87.1	81.9	70.8	3,295	2,959	2,638	58.2	61.0	59.1
Luzerne	571,003	47.2	39.0	33.1	3,216	2,965	2,842	83.8	75.0	66.5
Lycoming	780,968	45.9	42.2	40.0	3,689	3,273	3,230	97.1	100.8	96.7
McKean	631,816	25.2	24.1	23.5	1,634	1,580	1,683	97.4	96.4	88.0
Mercer	448,000	86.9	84.5	80.2	4,816	4,499	4,556	80.8	84.1	78.9
Mifflin	254,720	56.4	51.4	50.2	1,276	1,108	1,076	112.6	118.2	118.9
Monroe	398,720	51.2	42.5	33.3	2,097	1,818	1,498	97.3	93.2	99.7
Montgomery	309,760	81.3	79.1	66.0	5,166	4,840	4,250	48.7	50.6	48.1
Montour	83,200	89.6	91.4	84.7	849	774	767	87.8	98.2	91.9
Northampton	238,080	80.9	74.8	69.0	2,565	3,283	3,146	54.0	54.3	52.2
N'umberland	290,560	72.8	72.8	67.3	2,534	2,589	2,527	83.5	81.7	77.4
Perry	360,960	69.3	64.1	58.3	2,409	1,105	2,030	103.8	109.9	103.6
Philadelphia	81,920	35.8	21.3	19.5	824	423	381	37.0	41.2	41.9
Pike	348,160	49.8	41.3	34.8	871	690	713	199.2	208.2	170.1
Potter	685,588	39.6	38.4	38.0	2,401	1,866	1,815	113.0	141.0	143.6
Schuylkill	497,280	43.5	42.2	37.0	3,002	2,813	2,701	72.1	74.6	68.0
Snyder	199,040	76.3	74.1	70.0	1,845	1,753	1,713	82.3	84.1	81.4
Somerset	661,903	71.8	67.1	64.8	3,933	3,630	3,896	120.8	122.4	110.2
Sullivan	293,120	32.8	29.7	28.7	985	836	821	97.7	104.2	102.4
Susquehanna	527,474	89.6	84.6	79.6	4,239	3,526	3,451	111.4	126.6	121.7
Tioga	731,038	65.1	61.5	58.7	4,436	3,702	3,696	107.2	121.4	116.1
Union	195,200	55.7	56.0	51.2	1,455	1,411	1,370	74.8	77.5	72.9
Venango	423,040	58.2	51.7	46.4	2,793	2,369	2,373	88.2	92.4	82.7
Warren	577,404	44.1	39.2	41.8	2,820	2,353	2,544	90.2	96.3	94.8
Washington	551,800	91.3	85.6	80.8	4,733	4,482	4,441	106.5	105.4	100.4
Wayne	472,960	79.4	74.9	67.6	3,449	3,082	3,155	108.9	114.9	101.4
Westmoreland	665,103	74.2	73.1	64.5	5,512	5,593	5,258	89.5	86.9	81.6
Wyoming	254,080	66.5	63.3	60.2	1,756	1,543	1,639	96.3	104.3	93.3
York	578,045	92.1	88.9	85.5	8,460	7,818	7,903	62.9	65.7	62.6

TABLE 16—Farm Land Utilization, Pennsylvania, 1924

[U. S. Bureau of the Census]

	Farm acreage					% of total land area in farms	Percentage distribution of farm acreage							
							Crop land			Pasture			Wood-land not for pasture	All other land
	All land in farms	Crop land	Pasture land	Woodland not used for pasture	All other land in farms		Har-vested	Failur	Idle or fallow	Plow-able	Wood-land	Other		
Crawford	548,755	232,843	262,973	20,894	32,045	82.6	38.6	0.5	3.4	6.2	17.6	24.1	3.8	5.8
Erie	425,331	203,974	174,768	25,467	21,122	85.1	44.3	0.5	3.2	4.2	17.0	19.8	6.0	5.0
Forest	45,281	12,967	13,303	17,458	1,553	16.7	24.4	0.3	3.9	10.1	14.9	4.4	38.6	3.4
Mercer	359,272	175,353	148,320	13,541	22,058	80.2	42.6	0.9	5.3	9.5	13,1	18.7	3.8	6.1
Venango	196,167	86,418	64,762	24,108	20,879	46.4	35.1	0.5	8.5	8.2	13.1	11.7	12.3	10.6
Warren	241,174	75,451	111,815	43,235	10,673	41.8	27.4	0.3	3.6	5.8	17.6	23.0	17.9	4.4
NORTHWESTERN	1,815,980	787,606	775,941	144,703	108,330	62.9	38.5	0.5	4.3	6.7	16.0	20.0	8.0	6.0
Bradford	588,087	259,436	229,632	78,401	20,618	80.2	38.3	0.4	5.5	19.4	6.6	13.0	13.3	5.5
Cameron	14,304	5,201	6,408	1,239	1,456	5.7	24.3	1.0	11.1	11.3	28.8	4.7	8.6	10.2
Clinton	104,164	49,265	31,454	17,447	5,998	18.5	39.5	0.5	7.2	6.6	20.8	2.8	16.8	5.8
Elk	74,326	31,271	26,139	12,454	4,462	14.4	34.7	0.4	6.9	12.8	19.3	3.1	16.8	6.0
Lycoming	312,463	151,564	68,648	71,852	20,399	40.0	42.1	0.6	5.8	6.7	10.0	5.3	23.0	6.5
McKean	148,172	45,446	82,238	13,904	6,584	23.5	25.6	0.5	4.6	5.1	37.3	13.1	9.4	4.4
Potter	260,603	76,674	139,887	29,638	14,404	38.0	26.5	0.4	2.5	6.0	27.8	19.9	11.4	5.5
Sullivan	84,108	28,538	37,262	14,253	4,055	28.7	30.6	0.5	2.8	4.6	19.9	19.8	17.0	4.8
Tioga	429,206	180,148	196,689	37,914	14,455	58.7	39.2	0.4	2.4	9.5	16.4	19.9	8.8	3.4
NORTH CENTRAL	2,015,433	827,543	818,357	277,102	92,431	38.9	36.1	0.4	4.5	11.0	16.1	13.5	13.8	4.6
Lackawanna	121,572	49,675	49,208	14,183	8,506	42.1	35.8	0.7	4.4	8.6	9.4	22.4	11.7	7.0
Susquehanna	420,003	135,675	209,252	59,116	15,960	79.6	30.0	0.2	2.1	11.8	10.7	27.3	14.1	3.8
Wayne	319,761	88,583	165,310	51,876	13,992	67.6	25.2	0.1	2.3	4.1	15.5	32.2	16.2	4.4
Wyoming	152,972	59,300	52,658	25,922	15,092	60.2	28.9	0.4	9.5	12.9	8.8	12.7	16.9	9.9
NORTHEASTERN	1,014,308	333,233	476,428	151,097	53,550	65.7	29.0	0.2	3.6	9.1	11.8	26.1	14.9	5.3
Armstrong	286,843	162,014	73.089	26,358	25,382	68.6	39.3	0.8	16.4	18.9	3.9	2.7	9.2	8.8
Beaver	192,495	89,510	66,948	17,433	18,604	70.1	36.5	0.7	9.3	20.8	7.5	6.4	9.1	9.7
Butler	324,778	174,966	92,538	27,981	29,293	64.2	41.8	0.6	11.5	12.4	8.3	7.8	8.6	9.0
Clarion	247,230	127,672	67,333	32,949	19,276	64.3	43.0	0.7	7.9	9.4	12.6	5.3	13.3	7.8
Indiana	348,904	191,013	89,252	39,244	29,395	65.7	40.1	0.6	14.1	16.1	6.6	2.9	11.2	8.4
Jefferson	226,129	124,744	44,275	28,850	28,260	53.1	46.2	0.6	8.4	7.3	6.8	5.4	12.8	12.5
Lawrence	178,825	95,506	56,650	5.872	20,797	77.6	45.8	0.6	7.0	7.4	12.1	12.2	3.3	11.6
WEST CENTRAL	1,805,204	965,425	490,085	178,687	171,077	65.2	41.6	0.6	11.2	13.5	8.0	5.7	9.9	9.5
Blair	158,219	82,271	37,949	29,129	8,870	46.3	41.7	1.0	9.3	10.3	10.6	3.1	18.4	5.6
Cambria	178,790	95,186	47,706	27,835	8,063	39.0	45.7	0.5	7.0	7.5	9.7	9.5	15.6	4.5
Centre	239,797	127,946	49,517	52,443	9,891	32.7	48.0	0.5	4.8	7.7	8.3	4.7	21.9	4.1
Clearfield	220,137	110,374	45,782	45,605	18,376	30.1	38.9	1.4	9.9	7.1	10.5	3.2	20.7	8.3
Columbia	203,383	125,987	21,660	39,477	16,259	66.3	52.4	0.3	9.3	4.8	1.3	4.5	19.4	8.0

Dauphin	196,311	138,928	19,551	25,155	12,677	58.9	64.2	0.8	5.8	4.8	2.2	2.9	12.8	6.5
Huntingdon	294,824	120,283	72,475	85,532	16,534	50.2	28.4	1.1	11.4	8.4	10.2	5.9	29.0	5.6
Juniata	151,880	75,706	27,063	37,246	11,865	60.5	43.9	0.5	5.5	7.3	6.3	4.2	24.5	7.8
Mifflin	127,959	68,692	26,673	25,667	6,927	50.2	46.8	0.6	6.3	6.6	8.5	5.7	20.1	5.4
Montour	70,477	48,077	6,948	8,385	7,067	84.7	61.9	0.6	5.8	4.8	2.8	2.2	11.9	10.0
Northumberland	195,564	136,151	14,908	30,381	14,124	67.3	58.9	1.2	9.6	3.9	1.9	1.8	15.5	7.2
Perry	210,312	110,619	28,113	55,555	16,025	58.3	44.7	0.4	7.5	5.8	4.3	3.3	26.4	7.6
Snyder	139,360	89,691	12,952	27,566	9,151	70.0	55.9	0.6	7.9	4.3	2.2	2.7	19.8	6.6
Union	99,918	71,569	12,261	9,050	7,038	51.2	67.0	0.7	3.9	4.3	4.0	4.0	9.1	7.0
CENTRAL	2,486,931	1,401,480	423,558	499,026	162,867	48.5	47.8	0.7	7.8	6.5	6.3	4.3	20.1	6.5
Carbon	81,273	35,058	5,966	23,353	16,896	31.3	34.0	0.4	8.7	2.6	3.6	1.2	28.7	20.8
Lehigh	155,889	118,126	11,197	12,472	14,094	70.8	68.8	0.9	6.1	4.9	0.5	1.8	8.0	9.0
Luzerne	189,048	91,862	39,004	38,168	20,014	33.1	37.1	0.4	11.1	6.6	9.3	4.7	20.2	10.6
Monroe	132,805	53,776	33,304	38,841	6,884	33.3	29.6	0.7	10.2	11.5	8.8	4.7	29.3	5.2
Northampton	164,160	121,623	19,669	10,516	12,352	69.0	65.6	0.4	8.1	8.2	1.1	2.7	6.4	7.5
Pike	121,284	13,160	22,780	43,180	42,164	34.8	8.1	0.1	2.6	2.2	5.7	10.9	35.6	34.8
Schuylkill	183,779	119,699	11,802	31,409	20,869	37.0	51.7	1.0	12.4	1.6	3.2	1.6	17.1	11.4
EAST CENTRAL	1,028,238	553,304	143,722	197,939	133,273	40.6	44.4	0.6	8.8	5.5	4.6	3.8	19.3	13.0
Allegheny	237,096	138,594	58,904	16,525	23,073	51.1	42.9	1.2	14.3	15.6	5.1	4.2	7.0	9.7
Fayette	270,250	104,025	95,298	47,991	22,936	53.1	30.1	0.4	7.9	21.0	8.2	6.1	17.8	8.5
Greene	319,998	86,714	199,752	18,428	15,104	87.1	25.7	0.3	1.1	48.6	4.7	9.1	5.8	4.7
Somerset	429,173	172,038	153,561	84,738	18,836	64.8	35.8	0.5	3.8	11.2	16.7	7.9	19.7	4.4
Washington	445,874	171,627	227,674	15,593	30,980	80.8	34.4	0.5	3.6	40.8	5.0	5.3	3.5	6.9
Westmoreland	428,908	212,206	128,632	42,054	46,016	64.5	41.1	1.0	7.4	20.5	5.6	3.9	9.8	10.7
SOUTHWESTERN	2,131,299	885,204	863,821	225,329	156,945	66.2	35.1	0.6	5.8	26.6	7.8	6.1	10.6	7.4
Adams	268,249	190,222	32,833	25,819	19,375	79.4	63.0	1.8	6.2	3.4	3.6	5.2	9.6	7.2
Bedford	440,770	162,551	132,905	116,955	28,359	67.1	29.1	0.6	7.2	12.6	11.5	6.1	26.5	6.4
Cumberland	240,670	187,406	20,949	12,463	19,852	71.2	74.3	0.5	3.0	4.4	1.9	2.4	5.2	8.3
Franklin	347,936	234,994	49,121	36,737	27,084	72.4	64.7	0.6	2.2	5.1	4.1	4.9	10.6	7.8
Fulton	162,849	62,298	33,672	62,533	4,346	63.3	30.1	0.5	7.6	12.2	4.8	3.7	38.4	2.7
York	494,501	344,068	47,977	63,562	38,894	85.5	63.4	0.8	5.3	4.1	2.8	2.8	12.9	7.9
SOUTH CENTRAL	1,954,975	1,181,539	317,457	318,069	137,910	73.8	54.4	0.8	5.2	6.8	5.2	4.3	16.3	7.0
Berks	383,002	291,162	34,491	30,755	26,594	69.2	68.3	0.7	7.0	3.0	2.0	4.0	8.0	7.0
Bucks	307,619	225,190	39,000	22,349	21,080	79.1	64.9	0.6	7.7	4.1	3.1	5.4	7.3	6.9
Chester	395,346	254,087	75,718	37,827	27,714	79.5	56.0	0.7	7.6	9.8	1.6	7.7	9.6	7.0
Delaware	53,304	31,317	12,654	4,414	4,919	45.0	49.7	0.3	8.8	12.1	1.4	10.2	8.3	9.2
Lancaster	520,764	393,653	62,698	31,544	32,869	86.5	73.1	0.4	2.1	3.1	1.7	7.2	6.1	6.3
Lebanon	163,566	128,516	16,026	10,047	8,977	71.0	71.9	1.1	5.5	3.3	1.3	5.2	6.2	5.5
Montgomery	204,528	159,981	21,998	9,519	13,030	66.0	66.0	1.5	10.7	4.4	2.1	4.2	4.7	6.4
Philadelphia	15,971	12,409	1,429	589	1,544	19.5	60.8	0.8	16.0	8.0	0.3	0.7	3.7	9.7
SOUTHEASTERN	2,044,100	1,496,315	264,014	147,044	136,727	73.5	66.1	0.7	6.3	5.0	2.0	6.0	7.2	6.7
PENNSYLVANIA	16,296,468	8,431,049	4,573,383	2,138,996	1,153,040	56.8	44.7	0.6	6.4	10.4	8.6	9.1	13.1	7.1

TABLE 17—Reported and Assumed[1] Situation as to Vacant and Abandoned Farms, Pennsylvania, June 1, 1926

District [2]	Total number of town-ships	Townships reported		Farms with vacant dwellings [3]						Abandoned farms				
				Total number		Farms partially operated		Farms fully operated		No agricultural occupant		Agricultural occupant		Esti-mated acreage
		Number	No. of farms	Reported	Assumed	Reported	Assumed	Reported	Assumed	Reported	Assumed	Reported	Assumed	
PENNSYLVANIA ------	1,570	336	46,362	3,066	12,428	1,441	5,842	329	1,368	1,296	5,218	113	473	480,000
1. Northwestern --------	140	32	4,841	373	1,573	179	755	28	118	166	700	21	89	64,500
2. North Central ------	192	42	4,146	413	1,773	151	648	126	541	136	584	19	82	72,000
3. Northeastern --------	86	14	2,388	260	1,057	163	663	3	12	94	382	23	93	48,500
4. West Central --------	175	43	6,108	576	2,035	234	827	26	91	316	1,117	19	67	93,000
5. Central --------------	278	61	6,326	409	1,755	183	785	13	56	213	914	7	30	83,000
6. East Central --------	143	26	3,456	259	1,075	114	473	52	216	93	386	1	4	28,000
7. Southwestern --------	180	32	4,684	219	991	112	507	19	86	88	398	7	32	38,000
8. South Central ------	127	38	7,506	259	750	144	417	25	72	90	261	--------	--------	22,000
9. Southeastern --------	249	48	6,907	298	1,419	161	767	37	176	100	476	16	76	31,000

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[1] "Reported" pertains to the townships for which reports were received, and "assumed", to the results obtained by prorating the reported situation to include all the farms in all the townships i. e., all farms in the State.

[2] For district boundaries, see Figure 18, page 58.

[3] Farm houses unoccupied, or on idle farms and occupied by persons not engaged in agriculture.

FARM HOUSES AND ABANDONED AND IDLE FARM ACREAGE

Perhaps no other subject pertaining to agriculture in Pennsylvania has occasioned so much comment during this period of readjustment as the number of so-called abandoned and vacant farms, and on no other subject in the field was so little information available.

A survey made in the winter of 1925-26, covering 15 counties in Central and South Central Pennsylvania indicated that in those counties between 1600 and 1700 tracts, aggregating 145,000 acres, had not been operated for several years and that perhaps two-thirds of this land had been abandoned for farming purposes during the previous five years. Farming no longer paid; costs—taxes or labor—were too high; prices were too low. Landlords were too exacting or no tenants were to be had. Much of the land with its run-down soil was better adapted for hunting clubs or reforestation.

These figures were somewhat substantiated by the results of a state-wide survey made June 1, 1926. The estimated number of abandoned tracts in these same counties was 1205 and the estimated abandoned acreage 105,000. (See table on preceding page). The summary indicated that there were, not including those on partly or fully operated farms, between 12,000 and 13,000 farm houses, which were either vacant or occupied by persons not engaged in agriculture. This figure is double the estimated number in June, 1920.

Preliminary figures based upon returns from a questionnaire on occupancy of farm houses and abandoned and idle farm acreage, as of June 1, 1927, indicate that, of the houses in the State intended to shelter families engaged in agriculture, 5.9 per cent were vacant, 85.9 per cent were occupied by families engaged in agriculture and 8.2 per cent by families not engaged in agriculture.

Decline from Maximum Farm Acreage

Acreage devoted to agriculture, in the opinion of 96 per cent of the reporters, reached the maximum in 1919, while the remaining 4 per cent indicated that it had reached its maximum in 1889. It is estimated that 7.8 per cent of the acreage devoted to agriculture in 1919 was abandoned June 1, 1927, i. e., farm operations have been entirely discontinued and will probably remain so, and that an additional 9.9 per cent was idle, i. e., for some unforseen reason it is not in use this year but is likely to be within a year or two. Of the acreage devoted to agriculture in 1889, 17.0 per cent was estimated to be abandoned and an additional 18.4 per cent idle.

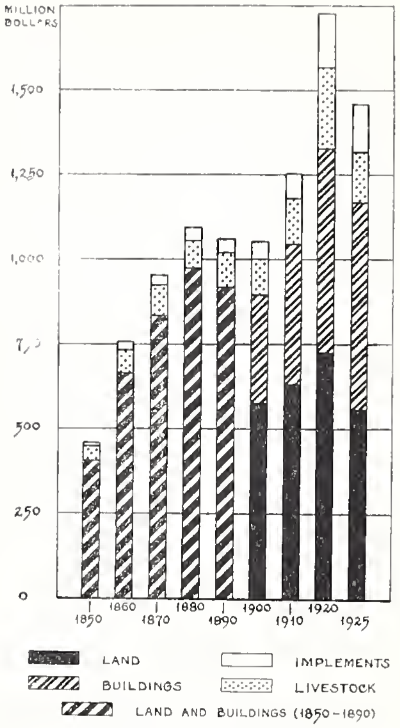
By way of comparison, the acreage of farms in Pennsylvania in 1924 was, according to the Federal Census, 7.7 per cent less than the acreage in 1919 and 16.8 per cent less than an average of the acreages reported in the censuses of 1880 and 1900. Since 1919, approximately 1,360,000 acres of farm land have been abandoned or put to other uses; since 1889, the net loss in the farm area of the State has been approximately 3¼ million acres. In spite of this decrease in farm acreage, the agricultural production of the State has continued to increase.

TABLE 18—Farm Houses and Abandoned and Idle Farm Acreage, June 1, 1927[1]

District [2]	Farm houses			Maximum farm acreage		
		Occupied by				
	Vacant	Non-agricultural families	Agricultural families	Year	Abandoned June 1, 1927	Idle June 1, 1927
	P. ct.	P. ct.	P. ct.		P. ct.	P. ct.
PENNSYLVANIA	5.9	8.2	85.9	1919	7.8	9.9
1. Northwestern	9.1	7.6	83.3	1919	7.6	9.8
2. North Central	9.8	8.3	81.9	1919	8.4	10.6
3. Northeastern	9.9	10.4	79.7	1919	7.0	12.7
4. West Central	6.1	8.6	85.3	1919	11.2	15.8
5. Central	5.2	6.4	88.4	1919	7.0	8.9
6. East Central	3.9	9.2	86.8	1918	6.4	6.1
7. Southwestern	3.6	11.1	85.3	1919	8.4	10.1
8. South Central	3.5	5.3	91.2	1919	5.2	7.1
9. Southeastern	5.2	8.9	85.9	1918	8.1	8.4

[1] These figures are preliminary.

[2] See **Figure 18, page 58.**



[U. S. Census data]

FIG. 15—Value of Farm Property in Pennsylvania, 1850-1925

TABLE 19—Average Value of Farm Property Per Farm, Pennsylvania, 1850 to 1925

Year	All farm property	Land	Buildings	Implements and machinery	Livestock
1850 ---	$3,638	$3,197		$115	$325
1860 ---	4,823	4,234		144	446
1870 ---	5,492	4,796		164	532
1880 ---	5,130	4,569		166	395
1890 ---	5,024	4,359		185	480
1900 ---	4,690	2,566	1,440	227	457
1910 ---	5,715	2,875	1,872	323	645
1920 ---	8,551	3,590	2,970	810	1,181
1925 ---	7,287	2,770	3,068	701	748

TABLE 20—Average Value of Farm Property Per Acre, Pennsylvania, 1850 to 1925

Year	All farm property	Land	Buildings	Implements and machinery	Livestock
1850 ---	$31.10	$27.33		$0.99	$2.78
1860 ---	44.33	38.91		1.32	4.10
1870 ---	53.12	46.39		1.59	5.14
1880 ---	55.35	49.30		1.79	4.26
1890 ---	57.88	50.21		2.13	5.54
1900 ---	54.29	29.70	16.67	2.63	5.29
1910 ---	67.43	33.92	22.09	3.81	7.61
1920 ---	97.94	41.12	34.01	9.28	13.52
1925 ---	89.63	34.07	37.74	8.63	9.19

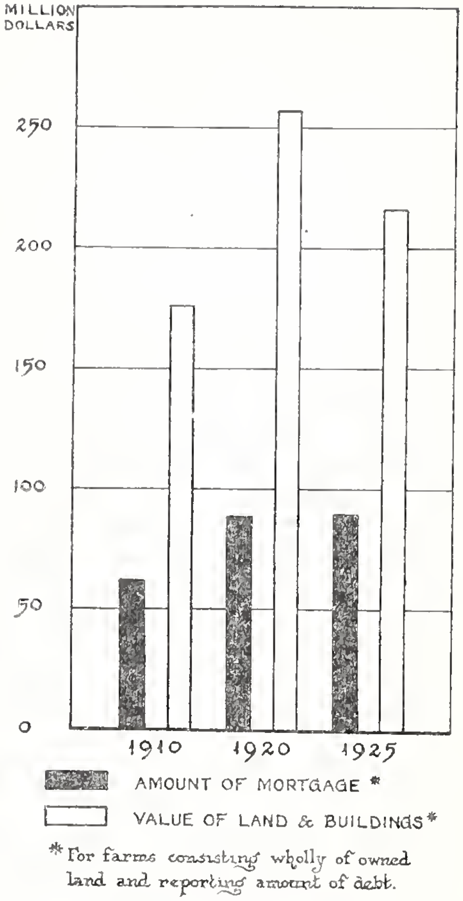
TABLE 21—

	County	Total	
		For the county	Per farm
	PENNA. -------	$1,460,702,270	$7,287
1	Adams --------	$22,886,201	$6,434
2	Allegheny -----	52,743,706	12,451
3	Armstrong ----	20,136,116	5,642
4	Beaver --------	17,253,520	7,144
5	Bedford --------	18,248,851	5,112
6	Berks ----------	44,205,846	7,411
7	Blair ----------	12,945,709	7,097
8	Bradford ------	29,496,753	5,779
9	Bucks ----------	48,677,596	8,381
10	Butler ---------	26,444,991	6,331
11	Cambria ------	14,813,598	6,193
12	Cameron ------	1,078,614	5,894
13	Carbon --------	6,345,680	6,794
14	Centre --------	17,726 211	8,421
15	Chester --------	64,246,115	12,240
16	Clarion --------	17,300,957	5,810
17	Clearfield ------	14,519,182	4,038
18	Clinton --------	7,055.239	6,146
19	Columbia -----	13,887,752	5,245
20	Crawford ------	36,551,982	5,557
21	Cumberland ---	27,081,990	8,962
22	Dauphin -------	19,189,690	7,361
23	Delaware ------	17,025,831	18,710
24	Elk ------------	5,316,381	5,228
25	Erie -----------	50,108,155	8,794
26	Fayette --------	23,358,373	6,567
27	Forest --------	1,420,642	3,157
28	Franklin -------	35,474,607	9,150
29	Fulton ---------	5,730,083	4,463
30	Greene ---------	28,124,654	9,648
31	Huntingdon ---	12,055,978	5,986
32	Indiana -------	22 640,895	5,574
33	Jefferson ------	14,382,479	4,550
34	Juniata --------	9,064,125	6,007
35	Lackawanna --	13,437,664	7,826
36	Lancaster ------	110,601.407	9,654
37	Lawrence ------	21,476,373	8,247
38	Lebanon ------	17,512,217	7,210
39	Lehigh --------	23,912,258	9,065
40	Luzerne --------	18,789,686	6,611
41	Lycoming -----	21,732,423	6,728
42	McKean --------	8,125,471	4,828
43	Mercer --------	28,528,582	6,262
44	Mifflin --------	9,807,172	9,114
45	Monroe --------	7,853,013	5,242
46	Montgomery --	47,884,614	11.267
47	Montour -------	4,989,904	6,506
48	Northampton -	20,242,207	6,434
49	Northumberland	17,530,244	6,937
50	Perry ----------	9,943,400	4,898
51	Philadelphia --	11,672,648	30,637
52	Pike -----------	5,064,606	7,103
53	Potter ---------	9,319,966	5,135
54	Schuylkill ------	18,113,284	6,706
55	Snyder --------	9,217,417	5,381
56	Somerset ------	29,014,645	7,447
57	Sullivan -------	3,697,190	4,503
58	Susquehanna --	20.156,281	5.841
59	Tioga ---------	20,366,435	5,510
60	Union ---------	9,260,601	6,760
61	Venango ------	10.241,800	4,316
62	Warren --------	12.073,949	4,746
63	Washington ---	42,908,811	9.662
64	Wayne --------	17,615,781	5,583
65	Westmoreland	38,330,257	7,290
66	Wyoming ------	10,233,163	6,244
67	York ----------	53,510,399	6,771

Value of Farm Property, Pennsylvania, 1925

[U. S. Bureau of the Census]

Land		Buildings		Implements and machinery		Livestock		
For the county	Per farm	For the county	Per farm	For the county	Per farm	For the county	Per farm	
$555,145,549	$2,770	$615,026,005	$3,068	$140,652,293	$702	$149,878,423	$748	
$7,652,105	$2,151	$10,088,635	$2,836	$2,250,001	$633	$2,895,460	$814	1
29,567,811	6,980	18,196,615	4,296	2,759,221	651	2,220,059	524	2
8,550,955	2,396	7,719,606	2,163	1,874,410	525	1,991,145	558	3
7,881,193	3,263	6,467,305	2,678	1,477,661	612	1,427,361	591	4
6,762,805	1,894	6,894,861	1,931	2,099,357	588	2,491,828	698	5
13,507,517	2,264	19,835,700	3,325	5,170,320	867	5,692,309	954	6
5,112,647	2,803	5,238,645	2,872	1,244,964	683	1,350,053	740	7
9,550,098	1,871	11,756,962	2,303	3,840,030	752	4,349,663	852	8
13,386,997	2,305	25,594,888	4,407	5,155,047	888	4,540,664	782	9
10,530,730	2,521	10,981,135	2,629	2,401,397	575	2,531,729	606	10
5,959,873	2,492	5,759,009	2,408	1,665,453	696	1,429,263	598	11
378,800	2,070	473,100	2,585	142,190	777	84,524	462	12
1,576,959	1,688	3,422,891	3,665	826,360	885	519,470	556	13
6,637,159	3,153	7,127,967	3,386	1,827,651	868	2,133,434	1,014	14
23,915,102	4,556	29,208,036	5,564	5,020,039	956	6,102,938	1,163	15
6,351,545	2,133	7,331,220	2,462	1,843,275	619	1,774,917	596	16
5,131,185	1,425	6,460,406	1,795	1,559,409	433	1,368,182	380	17
2,462,420	2,145	3,182,000	2,772	704,758	614	706,061	615	18
4,983,280	1,882	5,130,707	1,938	2,044,946	772	1,728,819	653	19
13,732,881	2,088	14,478,406	2,201	4,029,617	613	4,311,078	655	20
10,142,815	3,356	11,685,115	3,867	2,353,882	779	2,900,178	960	21
6,375,569	2,445	8,796,695	3,374	1,688,095	648	2,329,331	893	22
8,559,915	9,407	6,767,530	7,437	761,312	837	973,074	1,030	23
1,956,350	1,924	2,305,760	2,267	609,153	599	445,118	438	24
24,640,751	4,324	17,671,960	3,101	4,246,486	745	3,548,958	623	25
10,683,367	3,003	9,235,046	2,596	1,632,068	459	1,807,892	508	26
467,697	1,039	621,200	1,380	145,591	324	186,154	414	27
14,918,481	3,848	13,847,207	3,572	3,011,004	777	3,697,915	954	28
2,307,642	1,797	1,852,716	1,443	713,416	556	856,309	667	29
14,925,188	5,120	9,006,044	3,090	1,385,862	475	2,807,560	963	30
4,510,973	2,240	4,474,509	2,222	1,449,206	720	1,621,290	805	31
8,954,467	2,204	9,180,320	2,260	2,187,399	539	2,318,709	571	32
4,923,788	1,558	6,045,902	1,913	1,924,177	609	1,488,612	471	33
3,409,834	2,260	3,260,476	2,161	1,132,066	750	1,216,749	836	34
5,222,249	3,041	5,834,370	3,398	1,272,100	741	1,108,945	646	35
40,201,423	3,509	50,916,822	4,444	9,364,526	817	10,118,636	883	36
8,301,488	3,188	9,430,915	3,622	1,903,276	731	1,840,694	707	37
4,876,104	2,007	8,539,685	3,516	1,632,599	672	2,463,829	1,014	38
8,379,862	3,177	10,932,086	4,144	2,643,039	1,002	1,957,271	742	39
7,182,878	2,527	8,038,750	2,829	2,050,698	722	1,517,360	534	40
7,167,097	2,219	9,373,770	2,902	2,856,012	884	2,335,544	723	41
2,437,770	1,448	4,278,588	2,542	667,509	397	741,604	441	42
10,429,658	2,289	11,827,690	2,596	3,045,273	668	3,225,861	708	43
4,268,370	3,967	3,296,498	3,064	1,014,627	943	1,227,677	1,141	44
2,404,315	1,605	3,586,310	2,394	1,008,585	673	853,803	570	45
17,274,925	4,065	22,995,280	5,411	3,851,302	906	3,763,107	885	46
1,275,415	1,662	2,395,470	3,123	622,556	812	696,463	908	47
5,122,793	1,628	10,188,467	3,239	2,665,632	847	2,265,315	720	48
6,023,621	2,384	7,499,955	2,968	2,149,410	851	1,857,258	735	49
3,414,292	1,682	3,686,600	1,816	1,179,980	581	1,662,528	819	50
9,098,050	23,879	2,254,150	5,916	126,650	332	193,798	509	51
1,863,725	2,614	2,492,525	3,496	365,155	512	343,201	481	52
3,245,680	1,788	3,729,830	2,055	1,033,828	570	1,310,628	722	53
6,037,242	2,235	7,616,045	2,820	2,770,012	1,026	1,689,985	626	54
3,607,876	2,106	3,297,545	1,925	1,010,589	590	1,301,407	760	55
12,113,018	3,109	11,182,062	2,870	2,777,933	713	2,941,632	755	56
1,057,170	1,288	1,560,115	1,900	534,743	651	545,162	664	57
5,837,575	1,692	8,443,374	2,447	2,453,509	711	3,421,823	992	58
6,217,376	1,682	8,625,646	2,334	2,604,907	705	2,918,506	790	59
3,253,120	2,375	3,768,025	2,750	1,027,576	750	1,211,880	885	60
3,679,280	1,550	4,150,426	1,749	1,219,834	514	1,192,260	502	61
4,030,531	1,584	5,193,820	2,042	1,327,135	522	1,522,463	598	62
18,649,346	4,199	17,259,057	3,886	2,775,726	625	4,224,682	951	63
5,094,605	1,615	8,017,834	2,541	1,852,570	587	2,650,772	840	64
16,573,493	3,152	15,612,976	2,969	2,720,109	517	3,423,679	651	65
3,667,720	2,240	4,365,130	2,663	1,096,979	669	1,103,334	673	66
16,729,183	2,117	24,537,615	3,105	5,852,091	740	6,391,510	809	67



[U. S. Census data]

FIG. 16—Mortgage Debt and Value of Mortgaged Farms, Pennsylvania, 1910-1925

TABLE 22—Farm Mortgage Debt, Pennsylvania, 1910, 1920 and 1925

Item	Owned farms mortgaged		
	1910	1920	1925
Number reporting amount of debt	44,999	44,410	37,248
Per cent of owned farms	29.2	30.7	23.5
Value of land and buildings	$176,168,359	$256,577,347	$216,152,119
Average value per farm	3,915	5,777	5,803
Amount of mortgage debt	61,539,433	87,741,155	88,817,992
Average per farm	1,368	1,976	2,385

TABLE 23—

	County	Total number	
			Number
	PENNSYLVANIA	158,444	37,248
1	Adams	2,578	724
2	Allegheny	2,956	610
3	Armstrong	3,015	234
4	Beaver	1,912	432
5	Bedford	2,895	584
6	Berks	4,412	1,083
7	Blair	1,419	458
8	Bradford	4,119	1,149
9	Bucks	5,021	1,682
10	Butler	3,591	720
11	Cambria	2,158	244
12	Cameron	175	10
13	Carbon	896	286
14	Centre	1,341	247
15	Chester	4,175	1,148
16	Clarion	2,495	321
17	Clearfield	3,324	291
18	Clinton	852	188
19	Columbia	2,132	622
20	Crawford	5,467	1,408
21	Cumberland	1,809	479
22	Dauphin	1,857	535
23	Delaware	679	229
24	Elk	943	216
25	Erie	4,676	1,707
26	Fayette	3,108	447
27	Forest	405	24
28	Franklin	2,417	681
29	Fulton	1,061	154
30	Greene	2,211	227
31	Huntingdon	1,581	375
32	Indiana	3,651	434
33	Jefferson	2,933	562
34	Juniata	1,178	244
35	Lackawanna	1,520	378
36	Lancaster	6,401	1,710
37	Lawrence	2,209	656
38	Lebanon	1,693	450
39	Lehigh	1,864	485
40	Luzerne	2,560	485
41	Lycoming	2,651	709
42	McKean	1,482	277
43	Mercer	3,928	865
44	Mifflin	683	152
45	Monroe	1,369	262
46	Montgomery	3,775	1,601
47	Montour	495	134
48	Northampton	2,391	596
49	Northumberland	1,932	431
50	Perry	1,543	204
51	Philadelphia	186	28
52	Pike	626	104
53	Potter	1,446	509
54	Schuylkill	2,450	602
55	Snyder	1,168	148
56	Somerset	3,415	603
57	Sullivan	767	151
58	Susquehanna	2,850	850
59	Tioga	2,901	961
60	Union	830	181
61	Venango	1,981	294
62	Warren	2,207	580
63	Washington	3,165	539
64	Wayne	3,003	815
65	Westmoreland	4,150	777
66	Wyoming	1,379	409
67	York	5,982	1,547

Farm Mortgage Debt, Pennsylvania, 1925

[U. S. Bureau of the Census]

Full owner-operated farms

		Mortgaged							
		Value (land and buildings)			Mortgage debt				
Per cent	Acreage	Total	Per farm	Per acre	Total	P.ct. of value	Per farm	Per acre	
23.5	3,033,437	$216,152,119	$5,803	$71.26	$88,817,992	41.1	$2,385	$29,28	
28.1	56,476	$4,190,870	$5,788	$74.21	$1,838,346	43.9	$2,539	$32.55	1
20.6	24,106	5,486,050	8,994	227.58	1,886,000	34.4	3,092	78.24	2
7.8	19,400	1,143,300	4,886	58.93	471,856	41.3	2,016	24.32	3
22.6	29,044	2,498,635	5,784	86.03	975,165	39.0	2,257	33.58	4
20.2	83,026	2,632,960	4,508	31.71	1,185,125	45.0	2,029	14.27	5
24.5	64,849	5,810,315	5,365	89.60	2,365,481	40.7	2,184	36.48	6
32.3	39,749	2,631,880	5,746	66.21	1,227,896	46.7	2,681	30.89	7
27.9	134,231	4,761,888	4,144	35.48	2,011,183	42.2	1,750	14.98	8
33.5	90,924	11,306,168	6,722	124.35	4,943,003	43.7	2,939	54.36	9
20.1	53.348	3,780,970	5,251	70.87	1,622,608	42.9	2,254	30.42	10
11.3	20,164	1,258,950	5,160	62.44	520,098	41.3	2,132	25.79	11
5.7	882	35,000	3,500	39.68	8,200	23.4	820	9.30	12
31.9	22,333	1,585,675	5,544	71.00	594,580	37.5	2,079	26.62	13
18.4	30,980	1,686,440	6,828	54.44	699,631	41.5	2,833	22.58	14
27.5	83,392	10,707,746	9,327	128.40	4,021,963	37.6	3,503	48.23	15
12.9	28,640	1,571,550	4,896	54.87	601,351	38.3	1,873	21.00	16
8.8	21,923	1,078,592	3,707	49.20	392,105	36.4	1,347	17.89	17
22.1	17,743	983,900	5,234	55.45	376,915	38.3	2,005	21.24	18
29.2	51,261	2,628,852	4,226	51.28	1,293,562	49.2	2,080	25.23	19
25.8	116,752	5,935,845	4,216	50.84	2,407,079	40.6	1,710	20.62	20
26.5	36,587	3,609,519	7,536	98.66	1,489,962	41.3	3,111	40.72	21
28.8	38,642	2,977,705	5,566	77.06	1,301,859	43.7	2,433	33.69	22
33.7	11,162	2,559,100	11,175	229.27	916,950	35.8	4,004	82.15	23
22.9	16,024	947,610	4,387	59.14	325,095	34.3	1,505	20.29	24
36.5	123,034	10,615,131	6,219	86.28	4,176,997	39.3	2,447	33.95	25
14.4	33,195	2,564,850	5,738	77.27	928,971	36.2	2,078	27.99	26
5.9	5,456	87,900	3,663	16.11	39,755	45.2	1,656	7.29	27
28.2	54,159	4,855,138	7,129	89.65	2,209,851	45.5	3,245	40.80	28
14.5	20,808	535,660	3,478	25.74	235,296	43.9	1,528	11.31	29
10.3	24,051	1,705,720	7,514	70.92	654,189	38.4	2,882	72.20	30
23.7	56,795	1,886,100	5,030	33.21	742,360	39.4	1,980	13.07	31
11.9	39,263	2,010,380	4,632	51.20	757,047	37.7	1,744	19.28	32
19.2	46,665	2,276,545	4,051	48.78	850,545	37.4	1,513	18.23	33
20.7	25,459	1,169,900	4.795	45.95	503,006	43.0	2,062	19.76	34
24.9	25,798	2,132,850	5,642	82.68	819,100	38.4	2,167	31.75	35
26.7	96,541	15,979,835	9,345	165.52	6,435,425	40.3	3,763	66.66	36
29.7	40,823	4,511,020	6,877	110.50	1,505,463	33.4	2,295	36.88	37
26.6	29,358	2,577,182	5,727	87.78	1,342,638	52.1	2,984	45.73	38
26.0	23,396	3,049,410	6,287	130.34	1,394,664	45.7	2,876	59.61	39
18.9	33,613	2,787,950	5,748	82.94	1,058,632	38.0	2,183	31.49	40
26.7	67,776	4,008,775	5,654	59.15	1,661,663	41.5	2,344	24.52	41
18.7	30,859	1,281,050	4,625	41.51	510,174	39.8	1,842	16.53	42
22.0	68,254	4,315,140	4,989	63.22	1,762,085	40.8	2,037	25.82	43
22.3	18.969	1,103,980	7,263	58.20	460,775	41.7	3,031	24.29	44
19.1	23,411	1,100,135	4,199	46.99	497,676	45.2	1,900	21.26	45
42.4	72,411	12.441,614	7,771	171.82	4,882,774	39.2	3,050	67.43	46
27.1	10,973	613,275	4,577	55.89	309,160	50.4	2,307	28.17	47
24.9	30,748	2,779,440	4,663	90.39	1,412,078	50.8	2,369	45.92	48
22.3	33,099	2,167,450	5,029	65.48	906,075	41.8	2,102	27.37	49
13.2	22,726	730,380	3,580	32.14	353,248	48.4	1,732	15.54	50
15.1	1,122	720,100	25,718	641,80	192,500	26.7	6,875	171.57	51
16.6	15,035	681,850	6,556	45.35	193,432	28.4	1,860	12.87	52
35.2	77,269	2,090,495	4,107	27.05	998,453	47.8	1,962	12.92	53
24.6	44,633	3,218,960	5,347	72.12	1,270,924	39.5	2,111	28.47	54
12.7	13,825	570,093	3,852	41.24	265,893	46.6	1,797	19.23	55
17.7	75,766	4,262,140	1,068	56.25	1,620,254	38.0	2,687	21.38	56
19.7	15,502	495,297	3,280	31.95	191,299	38.6	1,267	12.34	57
29.8	107,723	3.433,461	4,039	31.87	1,411,433	41.1	1,661	13.10	58
33.1	118,303	4,007,620	4,170	33.88	1,868,334	46.6	1,944	15.79	59
21.8	14,444	976,680	5,396	67.62	433,680	44.4	2,396	30.02	60
14.8	25.954	1.044,315	3,552	40.24	442,588	42.4	1,505	17.05	61
26.3	53,033	2,047,105	3,529	38.60	846,566	41.4	1,460	15.96	62
17.0	45,930	3.821,890	7,091	83.21	1,517,104	39.7	2,815	33.03	63
27.1	85,642	3,380,785	4,148	39.48	1,405,938	41.6	1,725	16.42	64
18.7	54,330	4,638,280	5,969	85.37	1,849,959	39.9	2,381	34.05	65
29.7	39,693	2,032,600	4.970	51.21	776,380	38.2	1,898	19.56	66
25.9	95,955	7,634,118	4,935	79.56	3,647,595	47.8	2,358	38.01	67

FARM TAXES

Direct real estate taxes on farm lands in the United States were considerably more than doubled in the eight years from 1913-1914 to 1921-1922. The following report by States is based upon information received by the United States Department of Agriculture from crop reporters who reported their actual tax payments—State, county and local—on the same lands in both periods.

A discussion of farm taxation appears on pages 257-284 of the 1924 Yearbook of the United States Department of Agriculture. (Also reprinted as Yearbook Separate No. 915.) A discussion of Pennsylvania farm taxes is contained in "Some Phases of Pennsylvania Taxation," General Bulletin No. 437 of the Pennsylvania Department of Agriculture.

TABLE 24—Taxes[1] on Farm Lands, United States, 1913-1914 and 1921-1922

[U. S. Department of Agriculture]

State	Tax per acre		Per cent of increase
	1913-14	1921-22	
UNITED STATES	$0.314	$0.709	126
Maine	$0.35	$0.60	72
New Hampshire	.36	.67	89
Vermont	.35	.65	87
Massachusetts	.63	1.20	89
Rhode Island	.59	.99	68
Connecticut	.50	.99	98
New York	.59	1.13	94
New Jersey	.96	2.22	132
PENNSYLVANIA	.58	1.11	92
Ohio	.61	1.24	104
Indiana	.90	2.09	131
Illinois	.56	1.23	122
Michigan	.66	1.58	140
Wisconsin	.55	1.23	124
Minnesota	.37	.91	146
Iowa	.68	1.49	120
Missouri	.17	.39	125
North Dakota	.24	.63	158
South Dakota	.27	.80	192
Nebraska	.27	.67	149
Kansas	.27	.63	129
Delaware	.37	.68	82
Maryland	.50	.85	70
Virginia	.20	.34	76
West Virginia	.21	.52	147
North Carolina	.16	.44	169
South Carolina	.13	.35	162
Georgia	.16	.30	88
Florida	.28	.65	129
Kentucky	.24	.52	115
Tennessee	.19	.53	171
Alabama	.14	.27	88
Mississippi	.26	.67	159
Arkansas	.16	.39	143
Louisiana	.29	.77	157
Oklahoma	.28	.57	101
Texas	.17	.35	114
Montana	.07	.16	140
Idaho	.59	1.40	135
Wyoming	.19	.39	104
Colorado	.20	.68	240
New Mexico	.19	.33	72
Arizona	.07	.07	0
Utah	.24	.42	76
Nevada	.21	.43	105
Washington	.33	.70	115
Oregon	.27	.78	190
California	.42	.78	87

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[1] Including State, county and local taxes.

FARM TENURE AND FARM MORTGAGES

The farmers of the United States are rapidly losing ownership of the land. In the country as a whole both the percentage of farms rented and the percentage of farms mortgaged are increasing, while the equity of farmers operating mortgaged farms is decreasing. In Pennsylvania, however, both the number and the percentage of farms operated by tenants have been decreasing since 1900, but, though the number of mortgaged farms in the State may have decreased since the 1920 Census, prior to which time it had apparently been increasing, the total mortgage debt reported increased over $1,000,000 during the five years following and the farmers' equity in the farms for which the information was given declined from 66 per cent to 59 per cent.

Of full owner-operated farms, i. e., farms no part of which is rented, 23.5 per cent were reported mortgaged. The average value of these mortgaged farms was $5,803; the average mortgage debt was $2,385. The increase in the average value of these farms from 1920 to 1925 was practically negligible, but the increase in the average mortgage debt was over $400 during the period. The percentage of full owner-operated farms mortgaged is high in the three counties adjoining Philadelphia, Montgomery leading the State with a percentage of 42.4. Erie County ranks second with a percentage of 36.5. In three counties—Lebanon, Northampton and Montour—owner-operated farms mortgaged are mortgaged for over half their value.

Farms Operated by Owners

The number of farms in Pennsylvania operated by owners has, as reported in the censuses except that of 1920, remained fairly constant since 1880 though the total number of farms has decreased about 24,000 since 1900. From 1920 to 1925, there was an increase of approximately 10,200 in the number of farms operated by owners and a decrease of 9,300 in the number operated by tenants and 2,700 in the number operated by managers, the difference between the increase and the decreases being absorbed by the decline of 1,800 in the total number of farms. Several explanations may be offered for the pronounced increase in the number of owner-operated farms: Managers and tenants may have been either unsatisfactory or unavailable, or perhaps both, and owners were obliged to resume operations. Industrial workers are acquiring farms in the country adjacent to their places of employment—farms which afford not only cheap shelter but also to other members of the family a means of supplementing the income by engaging in agriculture to some extent which seldom assumes commercial proportions. Or, it is possible, but highly improbable, that a number of the operators who were renters in 1920 had become owners in 1925.

Counties with Highest Tenancy

In general the percentage of tenancy in the various counties of the State varies with their natural agricultural resources—the richer the soil, the higher the percentage of farms operated by tenants. In Philadelphia County approximately one-half the farms are rented; in Lancaster County 41.2 per cent of the farms are operated by tenants, in Cumberland County 36.8 per cent and in Franklin County 33.9 per cent. Centre, Union and Mifflin counties form a block in the limestone district of the central part of the State, in which over a third of the farms are operated by persons other than the owners. Tenancy is less than 5 per cent in six counties: Cameron, Carbon, Elk, Jefferson, Sullivan and Wayne.

Of farms rented, both the number and percentage rented for cash have been decreasing since 1910. In Allegheny County 9 out of every 10 farms rented are rented for cash; in Philadelphia County 8 out of every 10. In the southwestern part of the State 66 per cent of the farms rented are cash-rented, and their acreage is one-tenth of the area of all the farms in that region.

TABLE 25—Farm Tenure, Pennsylvania, 1880-1925

[Reports of U. S. Bureau of the Census]

Operated by	1880		1890		1900		1910		1920		1925	
	Farms	P. ct.	Farms	P. ct.	Farms	P. ct.	Farms	P. ct.	Farms	P. ct.	Farms	P. ct.
Total	213,542	100.0	211,557	100.0	224,248	100.0	219,295	100.0	202,250	100.0	200,443	100.0
OWNERS	[1] 168,220	78.8	[1] 162,219	76.7	162,279	72.4	164,229	74.9	153,498	75.9	163,695	81.7
Full					155,205	69.2	154,088	70.3	144,698	71.5	158,444	79.1
Part					7,074	3.2	10,141	4.6	8,800	4.4	5,251	2.6
MANAGERS					3,703	1.6	3,961	1.8	4,490	2.2	1,791	.9
TENANTS	45,322	21.2	49,338	23.3	58,266	26.0	51,105	23.3	44,262	21.9	34,957	17.4
Share	28,273	13.2	31,298	14.8	34,529	15.4	27,951	12.7	26,710	13.2		
Share-cash							1,042	0.5	731	0.4		
Cash	17,049	8.0	18,040	8.5	23,737	10.6	18,940	8.6	15,220	7.5	11,053	5.5
Unspecified							3,172	1.5	1,601	0.8	23,904	11.9

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[1] Includes farms operated by managers. Full owners own all the land they operate; part owners, in addition to operating some land they own, rent additional. Managers operate farms for owners for pay; tenants operate hired land only.

TABLE 26—Farm Tenure, Pennsylvania, January 1, 1925

[U. S. Bureau of the Census]

County	Farms	Farms operated by						
		Owners			Managers	Tenants		
		All	Full	Part		All	Cash	Other
PENNSYLVANIA	200,443	163,695	158,444	5,251	1,791	34,957	11,053	23,904
Adams	3,557	2,634	2,578	56	139	784	102	682
Allegheny	4,236	3,121	2,956	165	58	1,057	949	108
Armstrong	3,569	3,071	3,015	56	5	493	260	233
Beaver	2,415	1,982	1,912	70	19	414	297	117
Bedford	3,570	3,035	2,895	140	12	523	127	396
Berks	5,965	4,448	4,412	36	79	1,438	316	1,122
Blair	1,824	1,463	1,419	44	27	334	115	219
Bradford	5,104	4,454	4,119	335	16	634	162	472
Bucks	5,808	5,054	5,021	33	70	684	425	259
Butler	4,177	3,710	3,591	119	20	447	284	163
Cambria	2,392	2,193	2,158	35	7	192	135	57
Cameron	183	175	175	------	1	7	4	3
Carbon	934	907	896	11	1	26	18	8
Centre	2,105	1,373	1,341	32	27	705	67	638
Chester	5,249	4,197	4,175	22	127	925	424	501
Clarion	2,978	2,589	2,495	94	4	385	98	287
Clearfield	3,600	3,349	3,324	25	12	239	115	124
Clinton	1,148	883	852	31	6	259	49	210
Columbia	2,648	2,166	2,132	34	11	471	55	416
Crawford	6,578	5,887	5,467	420	16	675	354	321
Cumberland	3,022	1,850	1,809	41	61	1,111	72	1,039
Dauphin	2,607	1,890	1,857	33	78	639	139	500
Delaware	910	696	679	17	52	162	140	22
Elk	1,017	981	943	38	1	35	24	11
Erie	5,698	4,973	4,676	297	67	658	391	267
Fayette	3,557	3,159	3,108	51	51	347	188	159
Forest	450	422	405	17	------	28	10	18
Franklin	3,877	2,506	2,417	89	55	1,316	75	1,241
Fulton	1,284	1,098	1,061	37	7	179	11	168
Greene	2,915	2,408	2,211	197	14	493	208	285
Huntingdon	2,014	1,626	1,581	45	25	363	64	299
Indiana	4,062	3,732	3,651	81	6	324	110	214
Jefferson	3,161	3,012	2,933	79	3	146	51	95
Juniata	1,509	1,193	1,178	15	10	306	27	279
Lackawanna	1,717	1,550	1,520	30	14	153	110	43
Lancaster	11,457	6,689	6,401	288	47	4,721	378	4,343
Lawrence	2,604	2,283	2,209	74	13	308	218	90
Lebanon	2,429	1,730	1,693	37	36	663	90	573
Lehigh	2,638	1,920	1,864	56	30	688	162	526
Luzerne	2,842	2,586	2,560	26	25	231	128	103
Lycoming	3,230	2,740	2,651	89	23	467	73	394
McKean	1,683	1,527	1,482	45	6	150	91	59
Mercer	4,556	4,088	3,928	160	10	458	248	210
Mifflin	1,076	702	683	19	11	363	40	323
Monroe	1,498	1,381	1,369	12	13	104	69	35
Montgomery	4,250	3,832	3,775	57	38	380	253	127
Montour	767	521	495	26	4	242	17	225
Northampton	3,146	2,432	2,391	41	33	681	214	467
Northumberland	2,527	1,960	1,932	28	3	564	70	494
Perry	2,030	1,576	1,543	33	20	434	39	395
Philadelphia	381	187	186	1	4	190	153	37
Pike	713	631	626	5	16	66	33	33
Potter	1,815	1,547	1,446	101	8	260	61	199
Schuylkill	2,701	2,474	2,450	24	19	208	139	69
Snyder	1,713	1,201	1,168	33	23	489	107	382
Somerset	3,896	3,506	3,415	91	19	371	201	170
Sullivan	821	784	767	17	4	33	17	16
Susquehanna	3,451	3,049	2,850	199	30	372	214	158
Tioga	3,696	3,118	2,901	217	11	567	106	461
Union	1,370	855	830	25	28	487	44	443
Venango	2,373	2,112	1,981	131	20	241	106	135
Warren	2,544	2,329	2,207	122	15	200	122	78
Washington	4,441	3,334	3,165	169	14	1,093	773	320
Wayne	3,155	3,032	3,003	29	9	14 1	84	30
Westmoreland	5,258	4,242	4,150	92	55	961	530	431
Wyoming	1,639	1,432	1,379	53	14	193	94	99
York	7,903	6,108	5,982	126	89	1,706	203	1,503

FARM POPULATION IN PENNSYLVANIA

The farm population of the United States is estimated to have decreased 649,000 persons during 1926. Though no data are available, the downward trend in Pennsylvania began probably as early as 1900. Since 1910, the estimated net annual decrease has averaged between eight and nine thousand persons. In that year, 13.7 per cent of the total population lived on farms; in 1925, the percentage had fallen to 9.7. On the assumption that all persons living on farms are included in the families of farmers, the average size of the farm family has decreased from 4.79 persons in 1910 to 4.54 persons in 1925.

Of the total population, the percentage gainfully occupied almost doubled during the century, 1820-1920, but the percentage of the total population engaged in agriculture, forestry and animal industry fell from 13.4 per cent in 1820 to 3.3 per cent in 1920. The change in the relative importance of these occupations is pronounced: in 1820, they afforded work for over two-thirds of the gainfully employed; in 1920, the ratio had dropped to less than one-eighth. The number of persons engaged in agriculture and animal industry approximates 280,000. With due consideration to the rise and fall of the lumber industry and the shifting of the dates of taking the census to January in 1920 from April in 1910 and June in prior census years, at both of which seasons agriculture affords employment to more people, the decrease in the number of persons engaged in agriculture is not so pronounced as it may at first appear.

Agriculture in Pennsylvania has decreased in importance—relatively but not absolutely. Production rather than farm population is perhaps the better criterion of its status.

TABLE 27—Population of Pennsylvania, 1790-1927, Farm Population, 1910-1925 and Persons Occupied in Agriculture, Forestry and Animal Industry, 1820-1920[1]

[U. S. Bureau of the Census]

Year	Total population	Farm population		Persons occupied [2]				
						In agriculture, forestry and animal industry		
		Number	P. ct.	Total number	P. ct. of total population	Number	P. ct. of total employed	P. ct. of total population
1790	434,373							
1800	602,365							
1819	810,091							
1820	1,049,458			[3] 208,099	19.8	140,801	67.7	13.4
1830	1,348,233							
1840	1,724,033			[4] 345,829	20.1	207,533	60.0	12.0
1850	2,311,786					[5] 206,347		8.9
1860	2,906,215			[6] 896,565	30.8	[7] 256,406	28.6	8.8
1870	3,521,951			1,020,544	29.0	260,489	25.5	7.4
1880	4,282,891			1,456,067	34.0	305,795	21.0	7.1
1890	5,258,013			1,973,368	37.5	343,977	17.4	6.5
1900	6,302.115			2,448,589	38.9	342,271	14.0	5.4
1910	7,665,111	[8] 1,050,050	13.7	3,130,681	40.8	362,123	11.6	4.7
1920	8,720,017	[9] 948,334	10.9	3,426,359	39.3	284,313	8.3	3.3
1925	[10] 9,406,000	910,847	9.7					
1927	[10] 9,672,000							

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[1] Where blanks occur, no information is available.

[2] Ten years of age and over.

[3] Persons, including slaves, engaged in agriculture, commerce and manufactures.

[4] Persons, including slaves, engaged in mining, agriculture, commerce, manufactures and trades, navigation of ocean, canals, lakes and rivers, learned professions and engineers.

[5] Farmers—free males over 15 years of age.

[6] Free inhabitants over 15 years of age.

[7] Farmers and farm laborers numbered 249,717.

[8] Truesdell's Census Monograph No. VI, "Farm Population of the United States, 1920."

[9] Includes farm laborers and their families living off farms in rural territory outside of incorporated places, numbering perhaps, 20,000.

[10] Estimated.

TABLE 28—Farm Population, Pennsylvania, January 1, 1925

[U. S. Bureau of the Census]

County	Total	White				Colored			
		Total	Under 10 years of age	Over 10 years of age Male	Over 10 years of age Female	Total	Under 10 years of age	Over 10 years of age Male	Over 10 years of age Female
PENNSYLVANIA	910,847	906,933	207,880	364,878	334,175	3,914	946	1,611	1,357
Adams	15,932	15,919	3,821	6,151	5,947	13	4	5	4
Allegheny	21,269	21,114	4,370	8,939	7,805	155	33	70	52
Armstrong	16,489	16,439	3,721	6,546	6,172	50	7	25	18
Beaver	10,884	10,845	2,476	4,386	3,983	39	11	18	10
Bedford	17,591	17,569	4,451	6,793	6,325	22	5	9	8
Berks	28,490	28,452	6,480	11,502	10,470	38	2	18	18
Blair	9,371	9,370	2,234	3,691	3,445	1	-------	1	-------
Bradford	19,827	19,797	4,131	8,270	7,396	30	4	14	12
Bucks	26,068	25,895	5,353	10,752	9,790	173	42	75	56
Butler	19,352	19,334	4,585	7,772	6,977	18	4	9	5
Cambria	13,775	13,773	3,676	5,361	4,736	2	-------	2	-------
Cameron	896	896	177	358	361	-------	-------	-------	-------
Carbon	4,892	4,892	1,261	1,926	1,705	-------	-------	-------	-------
Centre	10,773	10,771	2,773	4,192	3,806	2	-------	1	1
Chester	26,084	24,799	5,604	10,034	9,161	1,285	364	503	418
Clarion	12,879	12,877	2,798	5,210	4,869	2	-------	2	-------
Clearfield	16,967	16,967	4,169	6,738	6,060	-------	-------	-------	-------
Clinton	5,261	5,261	1,243	2,105	1,913	-------	-------	-------	-------
Columbia	11,740	11,735	2,667	4,661	4,407	5	-------	3	2
Crawford	23,810	23,783	4,759	9,987	9,037	27	4	11	12
Cumberland	13,992	13,966	3,463	5,490	5,013	26	5	11	10
Dauphin	12,521	12,493	2,849	5,022	4,622	28	5	12	11
Deleware	5,589	5,053	1,023	2,068	1,962	536	128	209	199
Elk	4,698	4,698	1,094	1,917	1,687	-------	-------	-------	-------
Erie	22,907	22,901	5,022	9,500	8,379	6	1	2	3
Fayette	18,466	18,357	4,514	7,180	6,663	109	26	46	37
Forest	1,722	1,722	264	791	667	-------	-------	-------	-------
Franklin	19,336	19,277	4,679	7,497	7,101	59	11	31	17
Fulton	5,988	5,988	1,523	2,290	2,175	-------	-------	-------	-------
Greene	13,257	13,202	2,777	5,265	5,160	55	13	20	22
Huntingdon	10,271	10,256	2,316	4,178	3,762	15	7	4	4
Indiana	18,132	18,130	4,286	7,043	6,801	2	-------	1	1
Jefferson	15,117	15,117	3,805	5,949	5,363	-------	-------	-------	-------
Juniata	7,139	7,099	1,722	2,769	2,608	40	7	17	16
Lackawanna	7,592	7,583	1,829	2,963	2,791	9	2	5	2
Lancaster	47,713	47,475	11,246	18,909	17,320	238	67	86	85
Lawrence	11,896	11,862	2,799	4,717	4,346	34	5	17	12
Lebanon	10,794	10,775	2,569	4,217	3,989	19	6	7	6
Lehigh	12,422	12,422	3,056	4,908	4,458	-------	-------	-------	-------
Luzerne	12,835	12,835	2,863	5,227	4,745	-------	-------	-------	-------
Lycoming	14,116	14,111	3,160	5,769	5,182	5	-------	3	2
McKean	6,393	6,383	1,165	2,808	2,410	10	1	5	4
Mercer	19,105	19,058	3,894	7,921	7,243	47	11	17	19
Mifflin	5,551	5,549	1,545	2,090	1,914	2	-------	1	1
Monroe	6,398	6,379	1,259	2,685	2,435	19	4	6	9
Montgomery	21,177	21,009	4,285	8,713	8,011	168	32	78	58
Montour	3,256	3,256	724	1,348	1,184	-------	-------	-------	-------
Northampton	14,526	14,509	3,850	5,618	5,041	17	3	9	5
Northumberland	12,297	12,297	3,001	4,851	4,445	-------	-------	-------	-------
Perry	8,987	8,968	2,097	3,619	3,252	19	2	8	9
Philadelphia	1,628	1,627	376	686	565	1	-------	1	-------
Pike	2,823	2,823	480	1,242	1,101	-------	-------	-------	-------
Potter	6,883	6,882	1,419	2,921	2,542	1	-------	1	-------
Schuylkill	14,015	14,014	3,469	5,487	5,058	1	-------	1	-------
Snyder	8,267	8,267	2,105	3,271	2,891	-------	-------	-------	-------
Somerset	19,599	19,582	4,786	7,537	7,257	17	3	7	7
Sullivan	3,361	3,361	830	1,317	1,214	-------	-------	-------	-------
Susquehanna	13,872	13,860	3,039	5,742	5,079	12	3	3	6
Tioga	13,946	13,938	2,879	5,832	5,227	8	1	4	3
Union	6,017	6,017	1,364	2,411	2,242	-------	-------	-------	-------
Venango	9,477	9,470	1,903	3,915	3,652	7	-------	3	4
Warren	10,264	10,214	2,212	4,273	3,729	50	8	24	18
Washington	20,889	20,749	4,529	8,403	7,817	140	18	69	53
Wayne	12,246	12,246	2,614	4,988	4,644	-------	-------	-------	-------
Westmoreland	26,672	26,608	6,191	10,760	9,657	64	18	19	27
Wyoming	6,682	6,677	1,416	2,690	2,571	5	-------	2	3
York	37,663	37,380	8,840	14,707	13,833	283	79	116	88

TABLE 29—Farm Expenditures and Cooperative Marketing,

[U. S. Bureau

	County	Farm expenditures: 1924			
		Feed	Fertilizer and lime	Money wages only	Lumber, posts, firewood etc.
	PENNSYLVANIA	$43,620,645	$11,189,476	$24,375,708	$4,848,090
1	Adams	$549,615	$265,562	$485.887	$87,950
2	Allegheny	1,614,275	238,963	1,074,370	140,937
3	Armstrong	394,092	129,063	160.104	57,910
4	Beaver	553,609	88,734	147,553	45,554
5	Bedford	414,920	144,469	316,011	46,226
6	Berks	1,624,443	366,997	1,036,274	223,292
7	Blair	341,994	77,959	270,452	44,244
8	Bradford	1,534,283	192,053	422,733	74,562
9	Bucks	2,326,012	440,514	885,543	164,293
10	Butler	717,595	212,576	303,120	101,911
11	Cambria	340,345	143,132	195,719	34,716
12	Cameron	17,706	2,585	1,535	497
13	Carbon	189,145	100,722	137,237	21,520
14	Centre	234,540	100,084	248,265	38,450
15	Chester	1,972,764	508,236	1,720,014	179,706
16	Clarion	177,171	113,946	154,058	37,529
17	Clearfield	327,349	141,225	254,745	64,716
18	Clinton	120,873	42,790	122.282	19,899
19	Columbia	242,950	259,504	280,209	33,184
20	Crawford	1,310,598	276,779	401,016	119,088
21	Cumberland	673,629	179,873	520,511	89,466
22	Dauphin	632,976	162,423	378,386	84,814
23	Delaware	456,199	86,138	576,457	34,826
24	Elk	199,257	58,175	54,110	12,203
25	Erie	1,475,972	433,799	964,264	177,441
26	Fayette	492,321	112,029	421,586	161,896
27	Forest	29,684	15,989	28,255	2,700
28	Franklin	676,931	240,572	666,528	143,800
29	Fulton	54,717	51.556	70,970	5,838
30	Greene	257,451	15,875	175,309	62,380
31	Huntingdon	217,986	82,352	160,495	28,879
32	Indiana	304,722	204,582	223,953	79,294
33	Jefferson	214,282	147,444	184,281	31,389
34	Juniata	174,490	84,821	129,960	41,480
35	Lackawanna	682,545	115,895	317,415	50,678
36	Lancaster	3,443,911	897,459	1,876,405	380,470
37	Lawrence	357,405	79,026	200,721	45,137
38	Lebanon	676,140	124,631	474,719	55,005
39	Lehigh	585,663	268,967	526,613	82,180
40	Luzerne	625,159	171,366	370,337	35,770
41	Lycoming	502,562	221,080	423,201	103,899
42	McKean	379,466	37,657	162,519	43,045
43	Mercer	731.696	222,042	221,556	76,567
44	Mifflin	194,042	51,464	112,923	25,027
45	Monroe	196,991	76,464	106,448	21,614
46	Montgomery	2,324,453	280.182	1,075,192	181,042
47	Montour	85,222	57,802	84.202	18,357
48	Northampton	419,107	104,368	242,086	40,169
49	Northumberland	405,777	210,347	309,021	59,869
50	Perry	186,576	109,320	122,796	26,517
51	Philadelphia	8,503	15,184	15,580	------------
52	Pike	203,725	11,701	67,754	18,296
53	Potter	295,356	74,630	142.316	16,023
54	Schuylkill	556,200	295,393	399,240	97,694
55	Snyder	161,680	84,052	104,127	11,720
56	Somerset	544,053	228,229	362,426	72,724
57	Sullivan	96,527	27,222	42,382	11,452
58	Susquehanna	1,600,943	124,686	378,641	60,232
59	Tioga	646,860	110,028	285,259	50,849
60	Union	198,887	68,900	136,662	26,008
61	Venango	357,556	76,176	132,334	35,804
62	Warren	627,683	88,811	212,453	63,035
63	Washington	854,239	105,154	385,608	98,667
64	Wayne	1,367,788	93,349	268.331	67,012
65	Westmoreland	893,729	212,776	593,767	203,401
66	Wyoming	514,987	58,965	167,758	34,776
67	York	2,030,318	805,629	982,724	243,061

Pennsylvania, 1924, and Types of Road, January 1, 1925

of the Census]

Cooperative marketing 1924		Farms and roads: 1925							
			Type of road						
Value of farm products sold	Value of supplies purchased	Number of farms	Concrete or brick	Macadam	Gravel	Improved dirt	Unimproved dirt	All other	
$10,019,901	$2,492,431	200,443	11,468	19,488	9,280	29,863	117,802	12,542	
$14,419	$22,077	3,557	189	491	58	908	1,860	51	1
47,576	41,929	4,236	409	1,077	17	1,192	1,341	200	2
187,247	25,641	3,569	201	34	---	347	2,837	150	3
21,819	44,806	2,415	299	103	17	682	1,218	96	4
43,916	36,402	3.570	42	231	60	971	2,229	37	5
264,912	115,496	5,965	86	558	1,537	673	2,722	389	6
34,355	1,601	1,824	55	294	13	622	831	9	7
1,392,584	220,255	5,104	316	79	37	290	4,127	255	8
44,073	121,171	5,808	209	1,227	346	768	2,965	293	9
62,677	47,092	4,177	467	114	34	438	2,971	153	10
2,425	15,938	2,392	368	32	44	855	1,006	87	11
---	---	183	21	---	4	78	60	20	12
2,782	3,928	934	53	53	18	70	71	22	13
7,915	23,870	2,105	37	362	242	451	998	15	14
86,901	72,092	5,249	246	1,194	177	472	2,512	648	15
19,895	17,374	2,978	161	47	21	27	2,574	148	16
21,996	11,073	3,600	154	49	---	268	2,913	216	17
2,565	10,893	1,148	10	107	31	136	733	131	18
18,867	14,375	2,648	82	45	78	261	2,098	84	19
891,680	64,721	6,578	438	143	163	689	4,828	317	20
11,705	11,662	3,022	86	508	181	728	1,483	36	21
23,283	17,986	2,607	119	230	245	374	1,592	47	22
---	16,409	910	113	288	4	185	267	53	23
23,726	39,526	1,017	14	21	1	1	897	83	24
914,129	110,667	5,698	912	78	711	648	2,976	373	25
71,525	29,331	3,557	446	363	248	588	1,774	138	26
---	---	450	10	1	---	---	429	10	27
39,850	7,311	3,877	102	613	562	1,349	1,170	81	28
639	1,890	1,284	3	103	88	245	839	6	29
14,324	3,117	2,915	184	55	121	213	2,241	101	30
187,924	13,251	2,014	23	250	13	251	1,458	19	31
24,023	11.250	4,062	250	83	4	632	2,934	159	32
11,936	15,330	3,161	345	117	16	248	2,253	182	33
1,093	16,569	1,509	25	132	336	116	894	6	34
85,175	44,068	1,717	73	57	35	347	954	251	35
65,697	72,333	11.457	184	3,186	543	480	4,615	2,449	36
60,019	48,194	2,604	266	174	4	392	1,473	295	37
22,093	21,873	2,429	57	749	202	475	714	232	38
7,066	13,268	2,638	76	182	174	515	1,522	169	39
12,278	21,150	2,842	69	263	21	464	1,809	216	40
113,980	39,965	3,230	204	144	26	338	2,320	198	41
75,791	25,639	1,683	329	54	4	100	1,142	54	42
135,208	31,571	4,556	347	256	116	172	3,011	654	43
7,384	16,837	1,076	---	141	209	149	437	140	44
11,057	3,786	1,498	37	49	102	104	1,098	108	45
102,937	22,986	4,250	143	1,712	347	375	1,224	449	46
40,140	1,326	767	24	29	---	70	628	16	47
25,249	36,704	3,146	169	139	308	939	1,466	125	48
202,847	40,065	2,527	157	107	37	317	1,673	236	49
3,683	8,176	2,030	51	49	36	379	1,484	31	50
---	---	381	27	238	4	51	45	16	51
21,453	284	713	9	54	17	55	510	68	52
349,170	76,399	1.815	57	53	15	131	1,462	97	53
14,384	47,199	2,701	74	70	219	241	1,931	166	54
78,993	16,262	1,713	41	36	564	274	754	44	55
39,169	38,885	3,896	151	353	35	518	2,673	166	56
29,382	12,512	821	---	13	2	38	640	128	57
1,245,986	145,294	3,451	76	37	---	803	2,407	128	58
792,686	60,309	3,696	259	82	17	479	2,630	229	59
157,656	17,279	1,370	18	153	285	317	560	37	60
10,266	23,972	2,373	273	35	24	338	1,469	234	61
87,640	21,229	2,544	177	66	2	400	1,724	175	62
54,826	21,514	4,441	628	655	137	1,519	1,257	245	63
1,251,454	118,777	3,155	4	258	43	543	2,057	250	64
39,238	36,083	5,258	453	548	187	1,159	2,712	199	65
293,438	30,966	1,639	62	12	63	307	1,125	70	66
90,793	172,493	7,903	498	452	75	1,298	5,528	52	67

CROPS, LIVESTOCK AND OTHER FARM PRODUCTS IN PENNSYLVANIA

CROP AND LIVESTOCK ESTIMATES AND THEIR REVISION

Between census periods, estimates pertaining to crops and livestock are based upon a sample of reports for individual farms, upon the opinions of reporters and upon other relevant information furnished to the Crop Reporting Service, all carefully checked against any other available contemporary records.

Monthly forecasts of crop production are made during the growing season and on December 1 a tentative estimate, which is subject to revision the following December 1 if subsequent data warrant it. Tentative livestock estimates are made each year on January 1 and are revised one year later if deemed necessary.

With final figures available from the 1925 Federal Census and the 1924 State Triennial Census, estimates of crop acreage and production have been revised for the years 1924 and 1925. Need for revision prior to 1924 is evident from inspection of the historic records in this Bulletin. Further study of the estimates is now being made with the expectation that revisions back to 1866 will be prepared and published within the next two years.

The estimates of livestock on farms January 1 have been reviewed back to 1920 and studies are now being made of the estimates from 1890 to 1920.

With the completion of the summary of the 1925 Census, a new classification of cattle was adopted for estimates. Previously there were only two classes: "milk cows," consisting of dairy cows and heifers over one year of age, and "all other cattle." The new estimates from 1920 to date are for "all cattle and calves," with subclasses for "cows and heifers 2 years old and over kept for milk" (milk cows) and for "heifers 1 to 2 years old being kept for milk cows." The estimates for "cows and heifers 2 years old and over kept for milk" are based upon the census report of dairy cows and heifers in this age group plus an estimated number of beef cows and heifers kept for milk.[1]

1925 CROP REVIEW

Notwithstanding unusual climatic conditions,[2] agriculture in Pennsylvania, as measured by the total value of crops produced, experienced in 1925 the most prosperous year since 1920. The value of crops based upon December 1 prices, was estimated to be $299,849,000, a gain of 10.8 per cent over the corresponding estimate of $270,540,000 for 1924. Compiled upon the basis of prices weighted by relative monthly marketings, the crop value in 1925 reached a grand total of $330,000,000.[3]

In 1925, Pennsylvania ranked thirteenth among the states in the value of crops, Texas, California, Iowa, Illinois, Minnesota, North Carolina, Wisconsin, New York, Nebraska, Kansas, Missouri and Ohio outranking her in the order named. The highest rank ever attained by Pennsylvania was seventh place in 1921, but on the average the State ranks about fourteenth. Crops reached their maximum value in the year of 1919, when prices were at the peak.

Pennsylvania ranked second among the States in the production of buckwheat, third in potatoes, fourth in tame hay, fifth in grapes and in all apples, sixth in rye and in tobacco, seventh in winter wheat and in all hay, eighth in pears, ninth in commercial apples, tenth in clover seed, twelfth in corn and in oats and sixteenth in peaches.

The major field crops—corn, wheat, oats, barley, rye, buckwheat, white potatoes, sweet potatoes, tobacco and the hay crops—constituted 97 per cent of the acreage of all farm crops in Pennsylvania at the time of the 1920

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[1] Monthly supplement, Crops and Markets, February 1926, page 34.
[2] See page 16.
[3] See Table 122, page 146.

Census. The estimated acreage in all crops in 1925 was 7,540,000 acres, 1.8 per cent greater than the acreage in crops in 1924, when seasonal conditions prevented full plantings of the early-sown crops.

The principal field crops yielded especially well in 1925. The combined acre yields of the principal crops in 1925 were almost eight per cent higher than the average of their acre yields during the previous ten years.

(Continued on page 237)

1926 CROP REVIEW

The season of 1926 was one of the most unfavorable for field crops in many years.[1] Of the major field crops approximately 173,000 acres less were harvested that year than the year previous. Production of grains was estimated to be 20,000,000 bushels below the 1925 figure while the potato crop was 2,700,000 bushels short of the previous year's harvest. The hay crop was 400,000 tons below the 1925 figure and tobacco was estimated to be only 75 per cent of the 1925 production.

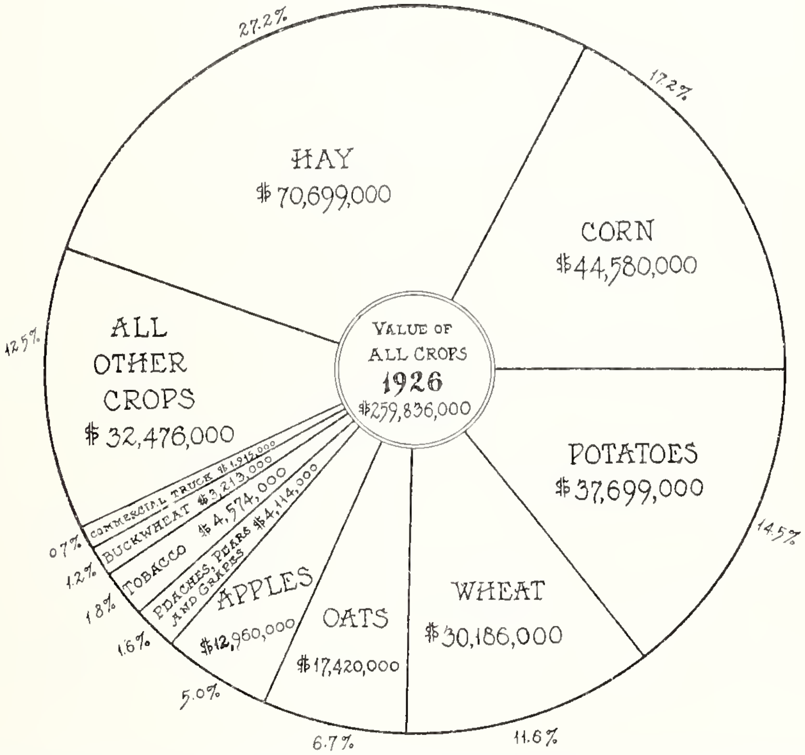

FIG. 17—Value of Pennsylvania's Farm Crops, 1926. Hay, corn and potatoes are again the leading crops, their value aggregating three-fifths of the total for all farm crops

Quality of most crops was far below average. The percentage of corn of merchantable quality was, except for 1924, the lowest on record; the quality of oats, buckwheat and tobacco the lowest without exception; and potatoes the lowest since 1915.

In only hay and perhaps tobacco was the estimated unit value as of December 1 in excess of that December 1, 1925. In only the fruits, except grapes, did values of the various crops surpass corresponding values for 1925, and, though the production of winter wheat, commercial apples and grapes exceeded like production figures for 1925, the growers apparently received less for the larger crop than they did for the smaller. Low quality, coupled with a general increase in production throughout the United States, was no doubt responsible for the decreased prices received.

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[1] See page 17.

The estimated value of all crops produced in Pennsylvania in 1926 was $260,295,000, a decline of almost $40,000,000 from the estimate for the previous year. The average value of crops per farm fell from $1480 in 1925 to $1300 in 1926 and the average acre value of field crops from $33.37 to $29.44.

Notwithstanding the adverse circumstances attending the corn crop, it remained the most valuable of the cereals. The value of the oats crop reached the lowest level since 1921. The per acre value of the oats crop was less than one-half the corresponding figure for corn.

Winter wheat maintained the record yield of the previous year of 20 bushels. Both production and quality were above the average of the last five years, but a decline of 18 cents from last year's price of $1.47 cut the estimated value almost $3,000,000.

The acreage of rye harvested in 1926 (93,000 acres) is the lowest on the records, which extend back to 1866, and is less than one-fifth of the acreage reported as harvested in that year. The last 30 years reflects no improvement in acre yield, and 1926 found rye the lowest in value per acre of the crops produced in the State.

The value of the buckwheat crop was the lowest in the last eighteen years. Pennsylvania has, according to the revised figures, yielded the ranking position as a producer of buckwheat to New York for the third consecutive year.

(Continued on page 238)

FARMERS' PLANTING INTENTIONS

On March 1 of each year since 1924, reports have been furnished by farmers stating the acreage of the various crops which they intend to plant during the coming season. The State estimates based upon these reports are only indications of what the acreages would be if the farmers were to carry out their plans. An agricultural outlook report accompanies these intention estimates when released.

The acreage actually planted, as estimated the following July,[1] may be larger or smaller than the acreage intended to be planted, owing to changes in plans effected by weather conditions, prices, labor supply and the influence of the report itself on producers' actions.

In March, 1927, the intentions of Pennsylvania farmers indicated a greater acreage of oats, potatoes and hay than was harvested in 1926, a decreased acreage of corn and a tobacco acreage unchanged from 1926. For the major crops, indications are compared with acreages harvested in previous years in the following table:

TABLE 30—Intended Crop Acreages in 1927 and Harvested Acreages, 1924-1926, Pennsylvania

Crop	Acres harvested			Intended acreage, 1927	
	1924	1925	1926	Per cent of 1926 acreage	Acres
Corn	1,316,000	1,408,000	1,394,000	99	1,380,000
Oats	1,006,000	1,157,000	1,111,000	103	1,144,000
Barley	11,000	15,000	[2]16,000	131	21,000
White potatoes	210,000	202,000	198,000	114	226,000
Tobacco	46,000	41,000	33,000	100	33,000
Tame hay	3,100,000	3,038,000	2,928,000	102	2,974,000

[1] The preliminary estimates made in July indicated that the 1927 planting of corn was 1,296,000 acres (or 93 per cent of the 1926 acreage), oats 1,111,000 (100 per cent), barley 22,000 (140 per cent), potatoes 216,000 (109 per cent), tobacco 31,400 (95 per cent) and tame hay 2,980,000 (102 per cent): buckwheat—estimated in August—204,000 (107 per cent). The 1926 and 1927 estimates were reviewed for revision in December and the revised figures have been used in the historic tables for the respective crops. Later reports may be obtained by directing a request to the Agricultural Statistician, P. O. Box 248, Harrisburg, Pa.

[2] Revised to 18,000 acres in December, 1927.

COUNTIES THAT LEAD

Lehigh had the highest value of crops per farm of any county in 1926.

Lancaster led in total production of corn, wheat, tobacco and hay; in number of cattle on farms; in number of chickens on farms and eggs produced; and in number of farms having automobiles and tractors.

Berks produced the most oats while **Lawrence** and **Beaver** secured the highest yield per acre.

Philadelphia produced the most wheat and corn per acre.

Berks led in production of rye.

Bradford raised the most buckwheat while **Adams** secured the highest yield per acre.

Adams produced more than 1,500,000 bushels of apples, 500,000 bushels more than **Franklin,** the second highest.

Franklin produced 187,000 bushels of peaches, 34,000 bushels more than **Allegheny,** the second leading county.

Montgomery produced the most pears.

Lehigh produced almost twice as many potatoes as any other county, while **Lackawanna** and **Wyoming** had the highest yield per acre.

Washington led in wool production with **Greene** a close second.

Allegheny has the largest number of farms equipped with radios.

1926 LIVESTOCK REVIEW

Pennsylvania retained its rank January 1, 1927, as fourteenth in value of farm livestock,[1] to which place it had advanced a year previous from fifteenth, being outranked in the order named by Iowa, Texas, Illinois, Wisconsin, Minnesota, Nebraska, Missouri, Ohio, New York, Kansas, Indiana, California and Michigan. From January 1, 1926, to January 1, 1927, the net increase in the value of livestock was $2,000,000, while the net gain in numbers was 12,000.

The number of horses, in which Pennsylvania ranks seventeenth, has declined steadily since 1920 and young stock—under two years of age—continues inadequate for replacement. Value per head is four dollars less and total value over three million dollars less January 1, 1927, than the corresponding figures for January 1, 1926.

The number of mules began to decline in 1924, the ratio to the number of horses remaining the same as on January 1, 1926, one to seven. Value per head declined $3.00.

The average value of cattle per head continued its advance from the low price of $48.00 January 1, 1922, to $64.80, just $12.00 below the war value of $76.80 January 1, 1920. Since January 1, 1920, the number of cattle has been decreasing, but the number of milk cows and heifers, 2 years old and over kept for milk, according to inventories, reached the maximum of 925,000 January 1, 1923, since which time it has decreased 80,000. The price of $80 per head is the highest since 1920, but it is still $18.00 short of the value as of January 1 that year. Pennsylvania ranks seventeenth in the total number of cattle and eighth in the number of milk cows and heifers two years old and over kept for milk.

Notwithstanding a partial recovery in prices, the number of sheep in Pennsylvania reached a new low mark of 411,000 January 1, 1927. Though the value per head remained the same as for January 1, 1926, an increase of seven per cent in the number of swine resulted in an increase of over $900,000 in total value. Chickens have been increasing during the past six years at an average rate of 500,000 annually.

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[1] Horses, mules, cattle, sheep and swine, and their young.

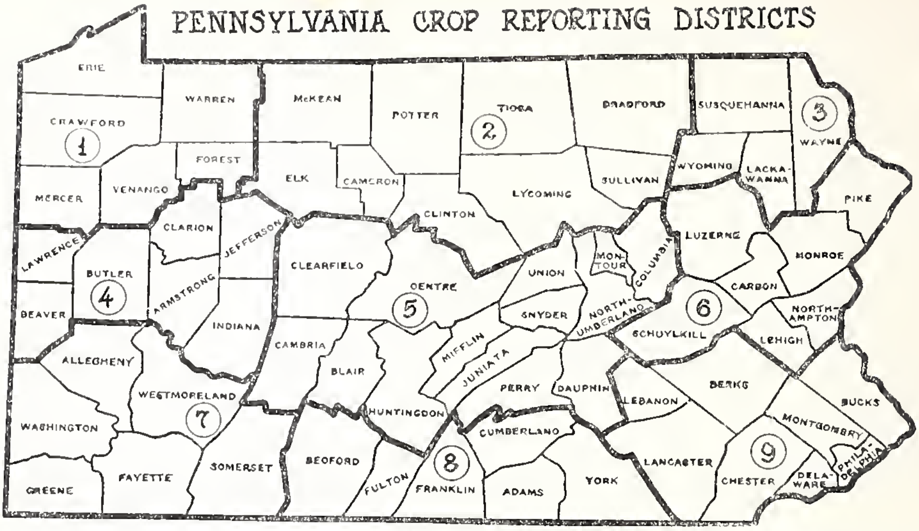

FIG. 18—For the purpose of assembling and analyzing crop and other agricultural information the State is divided into nine geographic divisions, each comprising a group of counties in which agricultural conditions and practices are very similar

TABLE 31—Relative Importance or Weight of Each District in Farms, Farm Products and Livestock, Pennsylvania[1]

Sum of district weights equals 100

Item	Crop reporting district: Number and location								
	1 N. W.	2 N. C.	3 N. E.	4 W. C.	5 C.	6 E. C.	7 S. W.	8 S. C.	9 S. E.
Number of farms	11	9	5	12	14	7	12	12	18
All land in farms	11	13	6	11	15	6	13	12	13
Crop land	9	10	4	12	17	7	10	14	17
Crop land harvested	10	10	4	10	16	6	10	15	19
Crop failure	10	9	3	11	18	6	14	15	4
Idle or fallow	8	9	3	19	18	9	12	10	12
Pasture land	17	18	10	11	9	3	19	7	6
Plowable pasture	7	13	6	14	10	3	33	8	6
Woodland pasture	21	23	9	10	11	4	12	7	3
Other pasture	24	18	18	7	7	3	9	6	8
Woodland not used for pasture	7	13	7	8	23	9	11	15	7
All other land in farms[2]	9	8	5	15	14	11	14	12	12
Crops:									
Main crops	10	10	4	10	17	6	10	14	19
Main crops except hay	7	8	2	10	19	7	8	18	21
Spring crops	8	9	3	10	19	7	10	14	20
Corn	6	7	2	8	18	6	9	20	24
Grain	4	4	X	8	21	7	8	22	26
Silage	16	19	10	9	9	2	11	8	16
Fodder	24	17	8	13	8	5	9	10	6
For hogging off	11	5	2	13	17	3	20	16	13
Wheat	3	3	------	7	22	7	6	27	25
Spring	3	13	1	12	13	8	30	4	10
Winter	3	3	X	7	22	7	6	27	25
Oats	11	12	3	13	21	6	12	9	13
Threshed	11	12	3	13	21	6	12	9	13
Unthreshed	10	10	11	7	8	5	26	4	19
Barley	5	19	1	5	23	7	5	24	11
Rye	4	5	1	14	18	18	4	19	17
Buckwheat	20	26	5	21	12	4	6	5	1
Dry edible beans	15	16	3	12	12	3	17	14	8

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[1] Based on 1925 Federal Census.

[2] Rough, swampy or waste land in neither forest, pasture nor crops; also land occupied by buildings, barnyard, feed lots, roads, etc.

TABLE 31—Relative Importance or Weight of Each District—Concluded

Sum of district weights equals 100

Item	Crop reporting district: Number and location								
	1 N.W.	2 N. C.	3 N. E.	4 W.C.	5 C.	6 E. C.	7 S.W.	8 S. C.	9 S. E.
White potatoes	10	10	5	8	15	18	6	10	18
Sweet potatoes	1	1	------	------	10	1	------	21	66
Tobacco	------	2	------	------	------	------	------	4	94
Hay	12	13	7	11	13	5	13	10	16
Tame	12	13	7	11	13	5	13	10	16
Timothy alone	13	17	6	13	8	4	19	7	13
Clover and timothy mixed	12	12	5	10	17	5	9	13	7
Clover alone	19	6	5	28	9	2	17	7	7
Red, alsike, mammoth	20	6	5	29	9	2	17	6	6
Sweet, crimson, Japan	9	3	3	10	13	4	19	11	28
All clover and timothy	13	13	5	12	14	4	13	11	15
Alfalfa	3	2	1	3	8	17	11	11	44
Annual legumes	3	2	1	4	21	2	13	20	34
Soy beans	3	1	------	4	22	2	13	21	34
Cowpeas	6	13	17	2	12	6	4	12	28
Small grains	9	11	17	9	11	4	22	7	10
Other tame grass	10	11	34	3	3	10	5	5	19
Wild	18	15	19	4	6	9	5	4	20
Fruit trees and vines:									
Apple	8	7	6	10	14	8	11	22	14
Bearing	8	8	7	10	14	8	11	22	12
Non-bearing	5	3	5	10	12	9	11	25	20
Peach	6	3	2	14	16	6	17	20	16
Bearing	6	3	2	16	15	6	15	19	18
Pear	8	5	4	12	16	11	15	10	19
Grapes	81	1	------	4	3	1	6	1	3
Livestock on farms:									
Horses (total)	11	10	4	11	14	7	12	13	18
Colts under 2 years	15	9	3	17	10	2	15	18	21
Horses 2 years and over	11	10	4	11	14	7	12	13	18
Mules (total):	2	2	1	4	20	3	3	34	31
Colts under 2 years	4	3	1	5	16	3	5	27	36
Mules 2 years and over	2	2	1	4	20	3	3	34	31
Cattle (total)	12	12	7	9	13	5	12	11	19
Calves under 1 year	14	14	7	12	15	3	17	10	8
Heifers 1 year and under 2	12	13	7	11	15	5	14	11	12
Dairy	13	14	8	10	15	5	12	11	12
Beef	9	6	1	14	14	4	32	7	13
Cows 2 years and over	12	13	8	9	13	5	10	11	19
Dairy	12	13	9	8	13	5	10	11	19
Beef	11	5	1	16	16	5	28	7	11
Steers 1 year and over	4	2	------	6	9	2	13	17	47
Bulls 1 year and over	8	11	6	8	16	5	9	15	22
Sheep (total)	8	4	2	8	5	1	58	8	3
Lambs under 1 year	8	7	2	9	7	1	55	7	4
Ewes 1 year and over	11	9	3	9	6	1	48	10	3
Rams and wethers 1 yr. & over	2	1	1	2	1	------	91	1	1
Swine (total)	6	5	1	9	21	7	9	22	20
Pigs under 6 months	6	5	1	10	22	7	10	23	16
Breeding sows, 6 mos. & over	7	5	2	12	21	5	12	20	16
All other hogs	5	6	1	7	18	7	6	21	29
Chickens	8	7	4	8	14	7	10	16	26
Hives of bees	11	15	8	13	16	7	10	10	10
Livestock products:									
Chickens raised	7	7	5	9	13	8	10	16	25
Eggs	8	8	5	8	13	7	8	16	27
Milk	12	13	10	7	12	5	10	10	21
Butter	13	9	3	18	15	6	16	13	7
Wool	7	5	2	7	4	1	65	7	2
Honey	10	22	9	9	17	7	7	11	8
Miscellaneous:									
Improved land	9	10	4	12	16	6	14	13	16
Total farm woodland	12	17	8	9	19	7	11	12	5
Kafir, sorghum, etc., for forage	4	5	1	11	17	3	21	14	24
Cash tenant acreage	12	7	6	13	9	5	29	4	15
Farm labor	7	8	5	5	11	8	10	11	35

TABLE 32—Condition of Major Field Crops during Growing Season, Pennsylvania, 1898-1928

Condition figures are based upon 100 per cent as representing a normal condition

Year	WINTER WHEAT					RYE				
	Previous Dec. 1	April 1	May 1	June 1	July 1	Previous Dec. 1	April 1	May 1	June 1	July 1
1898	--------	--------	96	96	87	--------	--------	97	99	66
1899	--------	--------	86	77	73	--------	--------	87	88	87
1900	--------	72	75	73	76	--------	80	87	81	80
1901	96	89	94	96	93	98	92	94	97	95
1902	--------	82	79	76	78	--------	85	83	84	85
1903	97	100	95	89	90	96	100	94	89	94
1904	91	74	72	75	79	94	81	79	85	92
1905	86	92	95	94	96	90	91	94	93	95
1906	97	91	96	91	93	97	91	96	90	94
1907	98	95	92	92	93	97	95	92	96	96
1908	86	83	88	92	92	88	86	89	92	92
1909	88	87	88	91	91	90	90	90	92	94
1910	86	89	96	90	87	87	91	92	95	95
1911	90	87	89	82	73	91	90	90	87	85
1912	92	85	89	89	88	93	85	88	91	93
1913	95	96	94	91	86	87	96	94	93	93
1914	97	93	94	93	80	97	94	94	95	93
1915	85	78	80	83	87	87	82	87	88	93
1916	83	87	90	90	91	93	89	91	92	93
1917	91	80	81	77	84	89	85	87	87	92
1918	85	79	79	80	83	88	83	86	89	91
1919	98	100	101	103	100	97	98	98	99	98
1920	99	88	85	83	83	97	90	89	89	91
1921	93	97	95	93	90	94	97	97	95	92
1922	95	92	93	95	92	96	91	93	95	93
1923	79	84	81	83	83	83	89	85	88	87
1924	92	83	85	85	86	94	86	90	93	91
1925	82	85	85	86	86	84	87	91	90	89
1926	88	77	79	74	81	87	81	82	79	82
1927	83	81	83	84	·84	82	85	85	87	88
1928	93	--------	--------	--------	--------	94	--------	--------	--------	--------

Year	OATS				CORN				WHITE POTATOES			
	June 1	July 1	Aug. 1	Sept. 1	July 1	Aug. 1	Sept. 1	Oct. 1	July 1	Aug. 1	Sept. 1	Oct. 1
1898	96	83	76	70	89	82	88	90	90	72	64	56
1899	87	92	98	96	85	93	84	83	95	96	88	84
1900	82	85	82	81	91	90	75	73	92	80	63	60
1901	92	80	69	52	87	92	94	93	91	81	59	63
1902	78	90	97	98	82	92	90	86	84	95	88	88
1903	77	91	93	83	84	80	79	79	91	92	89	72
1904	93	96	97	98	85	90	94	83	96	96	95	90
1905	90	96	94	92	92	94	96	96	93	88	80	79
1906	82	88	85	75	91	95	96	95	92	93	85	82
1907	82	86	86	84	73	77	70	75	90	89	78	76
1908	95	88	86	81	89	89	87	86	93	75	64	62
1909	90	90	79	76	92	92	85	64	93	71	62	63
1910	93	97	97	97	88	85	88	78	93	85	77	76
1911	82	88	84	79	91	91	87	89	86	65	54	56
1912	89	88	87	87	78	80	80	85	89	88	90	87
1913	90	87	85	83	87	81	81	78	89	82	73	70
1914	84	80	83	82	87	90	91	91	87	82	79	78
1915	94	98	103	98	85	88	86	85	93	93	85	70
1916	88	90	92	84	78	85	81	81	86	84	69	65
1917	88	95	97	96	88	90	88	81	94	94	88	85
1918	98	96	97	99	85	76	78	79	92	68	65	64
1919	92	89	81	75	93	96	97	99	89	79	79	79
1920	88	93	97	96	84	86	91	92	92	92	91	85
1921	94	79	76	71	89	90	92	94	79	65	62	66
1922	93	92	90	87	92	92	86	84	91	87	83	81
1923	86	77	71	69	84	82	83	82	80	68	65	70
1924	78	87	88	93	73	72	71	67	84	84	81	83
1925	91	87	85	88	90	94	95	95	87	82	79	82
1926	79	86	88	81	72	78	85	84	86	84	78	74
1927	86	90	91	88	64	68	65	70	86	85	82	71

TABLE 32—Condition of Major Field Crops—Continued

Year	BARLEY				TOBACCO				BUCKWHEAT		
	June 1	July 1	Aug. 1	Sept. 1	July 1	Aug. 1	Sept. 1	Oct. 1	Aug. 1	Sept. 1	Oct. 1
1898	93	------	92.	92	------	------	------	------	87	85	72
1899	94	------	95	92	------	------	------	------	95	80	77
1900	78	76	76	80	91	85	78	78	81	76	68
1901	97	84	78	74	90	89	98	98	95	95	95
1902	74	79	87	89	90	94	93	90	92	87	80
1903	83	86	88	89	93	96	92	92	94	90	80
1904	89	92	96	95	91	92	94	90	92	92	91
1905	93	98	95	89	98	95	98	99	94	96	94
1906	87	89	89	85	94	98	97	96	95	94	90
1907	83	84	88	88	85	78	82	86	93	80	80
1908	94	90	90	87	88	90	89	90	91	88	78
1909	92	90	84	76	90	83	70	66	83	75	78
1910	96	93	93	92	91	86	90	98	88	83	78
1911	85	89	80	84	92	85	84	91	85	87	87
1912	85	83	86	87	92	90	85	85	93	95	92
1913	93	89	87	85	88	70	69	70	83	79	68
1914	91	83	86	81	86	86	86	92	90	88	81
1915	94	94	96	94	90	89	88	88	92	91	84
1916	89	85	88	85	88	87	85	83	90	78	70
1917	90	93	93	92	93	89	89	90	95	91	77
1918	97	96	91	94	98	90	88	92	87	86	81
1919	91	89	85	83	94	90	82	80	89	93	90
1920	85	89	90	90	90	89	92	97	90	92	84
1921	94	85	89	79	84	76	89	93	90	85	89
1922	92	90	90	89	95	90	84	84	90	85	82
1923	88	81	75	81	83	76	78	86	79	80	75
1924	80	86	87	89	78	84	80	80	87	85	80
1925	90	83	87	90	82	85	90	90	94	90	84
1926	77	85	86	83	87	86	86	88	85	88	79
1927	86	87	87	88	85	83	81	87	86	88	86

Year	ALL HAY	TAME HAY			TIMOTHY		ALFALFA			CLOVER	
	May 1	June 1	July 1	Aug. 1	July 1	Aug. 1	June 1	July 1	Aug. 1	June 1	July 1
1898	93	------	------	------	------	------	------	------	------	99	------
1899	92	------	------	------	------	------	------	------	------	86	------
1900	84	------	------	------	75	75	------	------	------	60	60
1901	86	------	------	------	87	90	------	------	------	73	68
1902	89	------	------	------	54	71	------	------	------	77	54
1903	85	------	------	------	78	91	------	------	------	64	63
1904	80	------	------	------	94	96	------	------	------	94	91
1905	92	------	------	------	90	86	------	------	------	87	91
1906	93	------	------	------	80	84	88	89	91	83	84
1907	85	------	------	------	76	87	85	88	90	80	67
1908	93	98	95	94	90	91	95	94	------	97	94
1909	85	80	80	73	85	76	93	92	84	81	78
1919	91	83	83	89	80	90	94	94	93	90	87
1911	84	70	69	70	70	71	84	85	87	69	62
1912	86	91	86	92	84	91	90	87	92	93	87
1913	91	87	86	86	79	87	90	84	90	84	66
1914	89	90	80	89	80	89	93	88	90	91	75
1915	86	84	74	82	75	81	93	89	93	80	71
1916	90	94	97	101	96	100	93	97	98	95	98
1917	89	79	82	89	83	89	88	89	94	78	78
1918	92	94	86	89	83	85	91	92	89	96	91
1919	91	93	88	92	90	91	93	93	94	92	88
1920	91	85	82	91	83	90	93	90	92	86	82
1921	92	80	71	78	75	81	87	80	88	78	64
1922	88	89	92	97	90	94	92	95	95	91	95
1923	82	78	64	63	63	65	89	83	79	80	63
1924	85	88	91	95	90	96	91	95	95	87	90
1925	94	90	76	81	74	80	92	90	90	93	79
1926	77	65	62	72	65	75	78	78	80	62	56
1927	85	92	92	97	[1]92	[1]96	84	86	88	(1)	(1)

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[1] All clover and timothy hay (shown under "Timothy").

TABLE 32—Condition of Major Field Crops—Concluded

Year	PASTURES							SWEET POTATOES			
	April 1	May 1	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	July 1	Aug. 1	Sept. 1	Oct. 1
1898	------	92	100	------	45	------	------	------	------	------	------
1899	------	87	90	------	69	------	------	------	------	------	90
1900	------	82	69	76	66	------	------	94	81	73	72
1901	------	84	95	93	83	------	------	90	89	76	80
1902	------	85	70	78	92	------	------	83	95	90	86
1903	------	82	64	81	93	------	------	94	88	88	92
1904	------	69	93	94	97	------	------	87	96	94	93
1905	------	91	87	91	95	------	------	95	99	96	91
1906	------	92	83	86	88	------	------	90	90	88	85
1907	------	80	80	81	88	------	------	85	83	80	80
1908	------	90	99	92	80	------	------	88	87	84	82
1909	------	80	87	89	67	------	------	93	79	72	70
1910	------	90	88	88	81	------	------	90	83	82	77
1911	------	78	76	77	66	------	------	86	78	81	84
1912	------	82	94	87	87	------	------	94	91	89	86
1913	------	89	90	89	88	------	------	83	80	86	78
1914	------	85	92	84	86	------	------	88	91	88	84
1915	------	82	89	85	92	99	96	89	91	93	89
1916	------	85	95	99	96	86	78	85	89	84	83
1917	------	81	79	90	91	90	84	92	95	85	88
1918	------	86	98	93	76	76	82	93	75	75	84
1919	------	86	97	94	93	96	93	88	90	88	92
1920	------	85	85	91	90	97	93	92	91	90	90
1921	------	92	91	71	76	82	83	88	70	75	85
1922	------	82	93	93	89	80	65	92	91	84	85
1923	------	70	77	69	55	68	74	92	70	80	83
1924	82	77	88	95	91	84	86	85	85	84	84
1925	86	85	88	77	86	80	79	84	85	81	83
1926	81	68	64	71	69	84	90	78	79	80	75
1927	86	83	93	92	90	90	82	81	82	86	84

Year	CLOVER SEED		COWPEAS			
	Sept. 1	Oct. 1	July 1	Aug. 1	Sept. 1	Oct. 1
1900	42	------	------	------	------	------
1901	33	------	------	------	------	------
1902	90	------	------	------	------	------
1903	81	------	------	------	------	------
1904	86	------	------	------	------	------
1905	91	------	------	------	------	------
1906	75	------	90	91	93	92
1907	74	------	83	85	90	90
1908	87	------	------	------	90	65
1909	63	------	96	80	75	75
1910	80	------	87	86	89	83
1911	55	------	87	75	85	87
1912	89	------	83	82	88	84
1913	70	55	91	86	89	80
1914	84	75	90	91	90	91
1915	83	65	92	96	95	90
1916	85	78	93	95	90	88
1917	75	52	90	92	92	90
1918	76	60	93	88	88	89
1919	85	70	92	90	89	92
1920	90	82	90	92	93	91
1921	73	60	81	88	87	91
1922	85	80	93	90	87	82
1923	65	60	90	72	80	84
1924	68	85	90	92	88	85
1925	79	73	87	87	85	86
1926	56	53	80	77	83	88
1927	78	75	88	87	89	85

Year	SPRING WHEAT			
	June 1	July 1	Aug. 1	Sept. 1
1918	------	------	------	------
1919	------	------	82	79
1920	86	87	88	80
1921	92	85	80	75
1922	92	90	90	86
1923	86	84	80	81
1924	85	86	86	85
1925	90	87	92	89
1926	80	84	83	85
1927	84	85	85	77

	WILD HAY			
	June 1	July 1	Aug. 1	Sept. 1
1923	------	65	68	67
1924	92	92	94	92
1925	90	78	80	------
1926	70	63	73	------
1927	91	88	93	------

	SOY BEANS			
	July 1	Aug. 1	Sept. 1	Oct. 1
1923	94	80	85	85
1924	89	89	86	82
1925	90	89	89	86
1926	83	79	85	83
1927	90	88	88	79

TABLE 33—Condition of Major Fruit Crops during Growing Season and Production Compared with a Full Crop, Pennsylvania, 1898-1927

Condition figures are based upon 100 per cent as representing a normal condition; production figures, upon 100 per cent as representing a full or normal crop

	APPLES						PEACHES			
Year	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Production	June 1	July 1	Aug. 1	Production
1898	------	------	------	45	40	45	------	------	------	---
1899	------	------	------	69	68	71	------	------	------	---
1900	87	80	76	80	75	60	64	63	------	68
1901	88	65	41	37	35	28	94	86	------	80
1902	63	52	56	66	72	66	69	67	------	64
1903	58	54	55	67	64	64	53	38	47	45
1904	86	80	72	78	80	87	41	31	31	37
1905	86	68	68	56	70	48	72	59	72	72
1906	83	72	65	66	64	62	80	75	73	50
1907	63	52	44	47	48	52	35	32	26	30
1908	81	70	63	66	62	57	72	66	62	70
1909	70	63	48	40	40	43	75	69	56	51
1910	61	58	57	51	50	45	65	69	68	73
1911	78	73	66	69	76	79	72	67	55	51
1912	66	57	52	54	53	49	35	33	27	30
1913	50	46	44	43	43	39	37	38	40	41
1914	86	73	77	80	82	88	60	59	63	67
1915	72	60	58	60	58	58	76	76	77	87
1916	88	79	74	69	69	70	60	55	54	45
1917	80	65	53	47	45	45	75	62	60	60
1918	78	68	64	66	66	67	55	47	47	49
1919	65	47	44	42	43	35	50	45	43	48
1920	86	80	81	90	95	101	75	70	75	80
1921	24	21	18	16	17	12	15	15	14	14
1922	66	56	60	62	63	60	55	55	58	65
1923	84	66	63	63	63	65	81	72	70	77
1924	89	64	48	43	43	43	84	75	64	64
1925	64	41	41	38	39	41	30	25	24	25
1926	86	76	76	80	85	94	84	81	81	95
1927	63	47	39	36	36	35	47	39	33	36

	PEARS						GRAPES				
Year	June 1	July 1	Aug. 1	Sept. 1	Oct. 1	Production	July 1	Aug. 1	Sept. 1	Oct. 1	Production
1898	------	------	------	------	------	60	------	------	------	------	70
1899	------	------	------	------	------	58	------	------	------	------	82
1900	------	------	------	------	------	74	82	------	80	------	65
1901	------	------	------	------	------	67	89	------	74	------	65
1902	------	------	------	------	------	78	70	------	79	------	74
1903	------	------	------	------	------	42	81	82	82	------	73
1904	------	------	------	------	------	73	83	82	83	84	81
1905	------	------	------	------	------	50	81	80	79	83	78
1906	------	------	------	------	------	78	80	80	77	77	77
1907	------	------	------	------	------	45	70	70	70	64	65
1908	75	75	78	85	81	82	84	81	81	78	76
1909	64	60	47	42	51	50	88	87	83	88	87
1910	70	73	74	76	76	75	69	70	68	60	65
1911	75	75	71	81	83	85	85	85	85	87	87
1912	58	52	50	57	58	55	76	81	84	83	80
1913	50	52	55	60	57	60	58	60	61	55	55
1914	76	68	70	77	76	80	89	88	90	87	90
1915	70	62	60	68	70	65	73	74	80	75	70
1916	76	70	68	68	67	67	81	78	75	69	55
1917	80	65	57	60	60	59	82	83	89	84	75
1918	63	60	60	65	65	70	55	60	60	55	55
1919	53	45	45	50	55	48	81	88	89	90	97
1920	86	75	80	90	2	96	87	92	94	94	105
1921	17	20	20	20	25	25	35	35	38	40	30
1922	58	56	60	65	77	72	95	95	95	90	100
1923	75	62	57	60	71	72	86	84	83	83	75
1924	88	71	66	70	74	74	85	82	86	81	79
1925	54	42	43	48	55	55	60	54	55	45	43
1926	85	78	77	84	86	88	85	89	90	89	93
1927	55	44	44	48	50	47	70	64	60	54	55

TABLE 34—Trend in Crop Production, Pennsylvania, Averages, 1900-1904, 1910-1914 and 1922-1926

Crop and unit		Average of five years' production		
		1900-1904	1910-1914	1922-1926
Corn	bus.	46,270,610	60,661,000	61,569,600
Winter wheat	bus.	24,293,340	21,726,200	22,664,800
Oats	bus.	36,187,480	35,266,800	37,194,600
Barley	bus.	177,160	191,400	330,000
Rye	bus.	5,541,050	4,815,000	2,560,800
Buckwheat	bus.	4,230,140	6,082,400	4,352,400
Potatoes	bus.	19,097,120	23,933,000	25,075,800
Sweet potatoes	bus.	172,000	112,200	176,400
Tobacco	lbs.	25,604,480	55,717,000	54,834,000
Tame hay	tons	3,670,460	3,996,000	4,135,200

TABLE 35—Trend in Acreage, Yield and Price of Selected Crops, Pennsylvania, 1866-1925

Period	TAME HAY			CORN		
	Acreage	Yield per acre	Average price	Acreage	Yield per acre	Average price
		Tons	Per ton		Bus.	Per bu.
1866-1870	1,849,200	1.31	$11.47	986,400	33.8	$0.72
1871-1875	2,147,000	1.06	16.98	1,092,800	36.6	.59
1876-1880	2,523,500	1.28	11.29	1,271,700	35.8	.51
1881-1885	2,711,700	1.14	12.23	1,397,000	29.4	.62
1886-1890	2,976,100	1.21	9.94	1,399,400	30.0	.50
1891-1895	3,063,500	1.10	11.98	1,308,500	30.8	.52
1896-1900	2,558,400	1.25	10.61	1,269,200	34.0	.38
1901-1905	3,072,700	1.32	12.89	1,453,900	35.0	.58
1906-1910	3,083,400	1.34	14.12	1,423,200	36.7	.68
1911-1915	3,115,400	1.29	15.90	1,466,000	41.4	.69
1916-1920	2,992,800	1.46	20.12	1,562,300	42.1	1.31
1921-1925	3,004,000	1.37	16.83	1,488,000	44.0	.80

	WINTER WHEAT			WHITE POTATOES		
		Bus.	Per bu.		Bus.	Per bu.
1866-1870	1,178,500	12.6	$1.40	145,600	90.2	$0.61
1871-1875	1,117,700	14.0	1.27	113,100	97.2	.54
1876-1880	1,445,000	14.3	1.16	155,800	77.3	.50
1881-1885	1,485,000	12.6	1.06	193,000	73.5	.53
1886-1890	1,387,600	12.0	.92	196,100	67.9	.55
1891-1895	1,268,500	15.1	.74	202,200	79.3	.48
1896-1900	1,440,400	15.7	.76	180,700	74.5	.45
1901-1905	1,616,700	16.0	.83	247,600	86.8	.62
1906-1910	1,476,700	18.1	.94	265,800	84.8	.64
1911-1915	1,291,400	17.0	.98	296,600	85.8	.70
1916-1920	1,403,400	17.5	1.94	269,600	90.7	1.41
1921-1925	1,243,800	18.3	1.19	235,200	107.1	1.16

	OATS			TOBACCO		
		Bus.	Per bu.		Lbs.	Per lb.
1866-1870	1,608,700	31.3	$0.42	5,300	836	$0.102
1871-1875	1,037,400	29.3	.42	9,500	1259	.115
1876-1880	1,148,600	31.6	.32	19,700	1278	.095
1881-1885	1,258,400	28.7	.41	28,200	1160	.117
1886-1890	1,314,400	24.8	.35	26,000	1239	.128
1891-1895	1,177,300	26.6	.35	24,200	1144	.121
1896-1900	1,172,900	29.3	.28	18,800	1337	.074
1901-1905	1,204,700	30.2	.37	16,300	1373	.077
1906-1910	1,091,000	28.8	.47	34,400	1311	.098
1911-1915	1,117,400	32.1	.46	38,700	1376	.087
1916-1920	1,175,200	35.1	.72	41,800	1398	.173
1921-1925	1,160,200	32.4	.52	43,400	1358	.143

TABLE 36—Corn: Utilization for Grain, Silage, Hogging Down and Forage, Pennsylvania, 1923-1926 and Silage, 1910-1922

Year	For grain			For silage				Hogging down, forage, etc.	
	Per cent of corn acreage	Acres	Pro-[1] duction	Per cent of corn acreage	Acres	Yield per acre	Pro-duction	Per cent of corn acreage	Acres
		1,000s	1,000 bus.		1,000s	Tons	1,000 tons		1,000s
1923[2]	79.6	1,052	42,080	15.0	198	7.5	1,485	5.4	71
1924	79.0	1,040	37,960	15.6	205	7.2	1,476	5.4	71
1925	82.0	1,155	58,905	12.8	180	9.0	1,620	5.2	73
1926	79.3	1,105	45,305	13.1	183	8.2	1,501	7.6	106
1927	75.0	953	37,644	15.8	200	8.0	1,600	9.2	117

Corn for Silage, 1910-1922

Year	Per cent of corn acreage	Acres	Year	Per cent of corn acreage	Acres	Yield per acre	Pro-duction
		1,000s			1,000s	Tons	1,000 tons
1910	9.0	129	1915	17.0	258	8.0	2,064
1911	[3]9.5	136	1916	15.0	218	7.5	1,635
1912	10.0	145	1917	17.0	268	7.3	1,956
1913	10.0	146	1918	17.0	250	7.1	1,775
1914	11.0	161	1919	20.0	316	9.0	2,844
			1920	22.0	342	8.5	2,907
			1921	18.0	286	8.7	2,488
			1922	12.5	197	8.0	1,576

[1] Acre yields are those given in Table 40.

[2] Based upon a revised total corn acreage of 1,321,000, maintaining the reported percentage relationship between the 1923 and the revised 1924 acreage.

[3] Interpolated estimate.

TABLE 37—Corn: Leading Counties in Production, Pennsylvania, 1926

County	Production	Acreage	Yield per acre	Total value
	Bushels		Bus.	
TOTAL TEN COUNTIES	26,122,280	561,940	46.2	$18,718,584
% of State total	45.7	40.3	-----	42.0
Lancaster	5,219,730	100,380	52.0	$3,706,008
York	3,894,410	85,780	45.4	2,881,863
Chester	3,038,590	58,660	51.8	2,127,013
Berks	2,656,280	60,370	44.0	1,806,270
Franklin	2,488,530	59,110	42.1	1,841,512
Cumberland	1,968,300	48,600	40.5	1,417,176
Bucks	1,878,300	43,580	43.1	1,314,810
Adams	1,810,510	41,910	43.2	1,249,252
Montgomery	1,697,630	33,550	50.6	1,375,080
Lebanon	1,470,000	30,000	49.0	999,600

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TABLE 38—Corn: Estimated Acreage, Production and Value, Pennsylvania, 1925 and 1926

County and district	Acreage		Yield per acre		Total production		Average price		Total value of crop	
	1925	1926	1925	1926	1925	1926	1925	1926	1925	1926
			Bus.	Bus.	Bushels	Bushels	Per bu.	Per bu.		
Crawford	26,390	25,410	43.3	34.1	1,142,690	866,480	$0.80	$0.87	$914,152.00	$753,838.00
Erie	23,620	22,880	45.7	35.4	1,079,430	809,950	.82	.92	885,133.00	745,154.00
Forest	930	870	40.6	34.5	37,760	30,020	1.09	.92	41,158.00	27,618.00
Mercer	22,460	22,250	43.2	39.8	970,270	885,550	.85	.85	824,729.00	752,717.00
Venango	7,740	7,230	50.0	38.0	387,000	274,740	.87	.94	336,690.00	258,256.00
Warren	6,470	6,340	48.1	34.5	311,210	218,730	.79	.80	245,856.00	174,984.00
NORTHWESTERN	87,610	84,980	44.8	36.3	3,928,360	3,085,470	.83	.88	3,247,718.00	2,712.567.00
Bradford	27,720	27,300	46.1	45.2	1,277,890	1,233,960	.98	.94	1,252,332.00	1,159,922.00
Cameron	230	240	34.9	24.5	8,030	5,880	.96	.94	7,709.00	5,527.00
Clinton	10,090	9,360	47.2	37.3	476,250	349,130	.79	.79	376,237.00	275,813.00
Elk	1,960	1,940	46.6	32.0	91,330	62,080	.99	.95	90,417.00	58,976.00
Lycoming	29,170	28,810	52.1	42.6	1,519,760	1,227,310	.76	.78	1,155,018.00	957,302.00
McKean	1,480	1,370	39.6	34.0	58,610	46,580	.79	.85	46,302.00	39,593.00
Potter	3,660	3,680	40.6	32.5	148,590	119,600	.82	.84	121,844.00	100,464.00
Sullivan	2,990	3,130	38.1	37.0	113,920	115,810	.79	.80	89,997.00	92,648.00
Tioga	14,600	14,260	37.8	36.2	551,880	516,210	.83	.83	458,060.00	428,454.00
NORTH CENTRAL	91,900	90,090	46.2	41.0	4,246.260	3,676,560	.85	.85	3,597,916.00	3,113,699.00
Lackawanna	4,350	4,560	39.7	29.5	172,690	134,520	.84	.85	145,060.00	114,342.00
Susquehanna	13,260	12,520	40.0	32.8	530,400	410,660	.95	.93	503,880.00	381,914.00
Wayne	6,270	6,620	54.0	33.3	338,580	220,450	.98	.94	331,808.00	207,223.00
Wyoming	6,630	6,830	54.2	35.5	359,350	242,470	.89	.94	319,821.00	227,921.00
NORTHEASTERN	30,510	30,530	45.9	33.0	1,401,020	1,008,100	.93	.92	1,300,569.00	931,400.00
Armstrong	17,580	16,460	50.6	33.5	889,550	551,410	.95	.79	845,072.00	435,614.00
Beaver	10,740	9,570	51.7	38.6	555,260	369,400	.99	.77	549,707.00	284,438.00
Butler	21,460	19,940	49.3	39.9	1,057,980	795,610	.93	.87	983,921.00	692,181.00
Clarion	16,290	15,730	39.2	37.5	638,570	589,880	.88	.81	561,942.00	477,803.00
Indiana	23,960	23,310	44.8	35.5	1,073,400	827,510	.96	.85	1,030,464.00	703,383.00
Jefferson	13,200	13,600	45.6	38.8	601,920	527,680	.89	.83	535,709.00	437,974.00
Lawrence	14,220	13,850	46.6	45.2	662,650	626,020	.94	.94	622,891.00	588,459.00
WEST CENTRAL	117,450	112,460	46.7	38.1	5,479,330	4,287,510	.94	.84	5,129,706.00	3,619,852.00
Blair	15,560	14,790	44.6	38.6	693,980	570,890	.86	.92	596,823.00	525,219.00
Cambria	9,260	8,550	46.3	43.2	428,740	369,360	.92	.89	394,441.00	328,730.00
Centre	25,210	25,420	44.3	38.0	1,116,800	965,960	.80	.85	893,440.00	821,066.00
Clearfield	10,430	10,680	46.1	34.6	480,820	369,530	.94	.92	451,971.00	339,968.00
Columbia	23,950	23,130	45.7	32.9	1,094,520	760,980	.75	.85	820,890.00	646,833.00
Dauphin	30,590	31,270	54.8	40.6	1,676,330	1,269,560	.83	.72	1,391,354.00	914,083.00
Huntingdon	22,050	22,450	41.7	27.9	919,490	626,360	.83	.73	763,177.00	457,243.00
Juniata	16,200	16,570	47.6	35.9	771,120	594,860	.73	.70	562,918.00	416,402.00
Mifflin	15,240	14,810	49.3	40.6	751,330	601,290	.77	.70	578,524.00	420,903.00

Montour	9,790	9,270	50.8	34.6	497,330	320,740	.73	.74	363,051.00	237,347.00
Northumberland	25,920	25,290	41.7	29.6	1,080,860	748,580	.75	.77	810,645.00	576,407.00
Perry	23,910	23,120	47.2	40.6	1,128,550	938,670	.77	.77	868,983.00	722,776.00
Snyder	18,410	17,820	52.0	43.2	957,320	769,820	.77	.77	737,136.00	592,761.00
Union	16,020	16,000	45.5	41.0	728,910	656,000	.71	.66	517,526.00	432,960.00
CENTRAL	262,540	259,170	46.9	36.9	12,326,100	9,562,600	.79	.78	9,750,879.00	7,432,698.00
Carbon	3,780	3,550	45.6	36.8	172,370	130,640	.95	.99	163,751.00	129,334.00
Lehigh	21,640	22,120	55.6	41.5	1,203,190	917,980	.73	.74	878,329.00	679,305.00
Luzerne	10,060	10,190	48.9	32.8	491,930	334,230	.85	.94	418,140.00	314,176.00
Monroe	6,670	6,910	42.3	30.9	282,140	213,520	.89	.93	251,105.00	198,574.00
Northampton	25,270	23,980	50.5	35.7	1,276,140	856,090	.62	.76	791,207.00	650,628.00
Pike	1,020	1,010	50.6	29.5	51,610	29,800	.82	.70	42,320.00	20,860.00
Schuylkill	15,850	16,160	50.4	39.5	798,840	638,320	.98	.91	782,863.00	580,871.00
EAST CENTRAL	84,290	83,920	51.0	37.2	4,276,220	3,120,580	.78	.82	3,327,715.00	2,573,748.00
Allegheny	14,010	13,140	45.6	40.8	638,860	536,110	1.00	.83	638,860.00	444,971.00
Fayette	15,040	15,820	46.8	33.5	703,870	529,970	1.00	.94	703,870.00	498,172.00
Greene	12,940	13,350	43.8	32.8	566,770	437,880	1.04	.98	589,441.00	429,122.00
Somerset	21,820	22,390	42.8	36.6	933,900	819,470	.89	.93	831,171.00	762,107.00
Washington	25,620	24,750	47.9	31.2	1,227,200	772,200	.94	.92	1,153,568.00	710,424.00
Westmoreland	32,670	31,910	48.8	40.3	1,594,290	1,285,970	.94	.90	1,498,632.00	1,157,373.00
SOUTHWESTERN	122,100	121,360	46.4	36.1	5,664,890	4,381,600	.96	.91	5,415,542.00	4,002,169.00
Adams	42,780	41,910	55.6	43.2	2,378,570	1,810,510	.72	.69	1,712,570.00	1,249,252.00
Bedford	27,480	27,330	51.6	32.3	1,417,970	882,760	.86	.75	1,219,454.00	662,070.00
Cumberland	49,860	48,600	57.2	40.5	2,851,990	1,968,300	.64	.72	1,825,274.00	1,417,176.00
Franklin	57,660	59,110	51.3	42.1	2,957,960	2,488,530	.73	.74	2,159,311.00	1,841,512.00
Fulton	13,470	13,110	41.1	40.0	553,610	524,400	.86	.70	476,105.00	367,080.00
York	85,490	85,780	55.1	45.4	4,710,500	3,894,410	.81	.74	3,815,505.00	2,881,863.00
SOUTH CENTRAL	276,740	275,840	53.7	41.9	14,870,600	11,568,910	.75	.73	11,208,219.00	8,418,953.00
Berks	59,930	60,370	52.0	44.0	3,116,360	2,656,280	.72	.68	2,243,779.00	1,806,270.00
Bucks	44,530	43,580	58.9	43.1	2,622,820	1,878,300	.78	.70	2,045,800.00	1,314,810.00
Chester	59,760	58,660	51.3	51.8	3,065,690	3,038,590	.69	.70	2,115,326.00	2,127,013.00
Delaware	7,200	7,400	56.9	54.5	409,680	403,300	.85	.91	348,228.00	367,003.00
Lancaster	99,650	100,380	69.3	52.0	6,905,740	5,219,730	.73	.71	5,041,190.00	3,706,008.00
Lebanon	29,300	30,000	50.7	49.0	1,485,510	1,470.000	.75	.68	1,114,132.00	999,600.00
Montgomery	32,760	33,550	58.0	50.6	1,900,080	1,697,630	.77	.81	1,463,062.00	1,375,080.00
Philadelphia	1,730	1,710	63.2	57.8	109,340	98,840	.88	.75	96,219.00	74,130 00
SOUTHEASTERN	334,860	335,650	58.6	49.0	19,615,220	16,462,670	.74	.71	14,467,736.00	11,769,914.00
PENNSYLVANIA	1,408,000	1,394,000	51.0	41.0	71,808,000	57,154,000	$0.80	$0.78	$57,446,000.00	$44,580,000.00
UNITED STATES	101,359,000	99,492,000	28.8	26.[illegible]	2,916,961,000	2,645,031,000	$0.67	$0.64	$1,966,761,000.00	$1,703,430,000.00

[1] These estimates cover corn for all purposes, including hogged and siloed corn, and that cut and fed without removing the cars, as well as that husked and snapped for grain, the yield for grain being applied to the total acreage to obtain an equivalent production figure for all corn.

TABLE 39—Corn: Farm Stocks on November 1, and March 1, Amount of Crop of Merchantable Quality and Amount Shipped from Counties, Pennsylvania, 1897-1927

Year of crop	Old stocks on farms, Nov. 1		Production	Total supplies[1]	Stock on farms Mar. 1 following		Of merchantable quality[2]		Shipped out of county where grown[3]	
	Per cent of crop[4]	Amount			Per cent of crop	Amount	Per cent of crop	Amount	Per cent of crop	Amount
		Bushels	Bushels	Bushels		Bushels		Bushels		Bushels
1897	--------	--------	44,866,116	--------	39	17,497,785	--------	--------	14	6,281,256
1898	--------	--------	45,190,135	--------	41	18,527,955	--------	--------	15	6,778,520
1899	--------	--------	50,255,872	--------	39	15,699,790	--------	--------	8	3,220,470
1900	--------	--------	32,707,900	--------	32	10,466,528	81	26,493,399	9	2,943,711
1901	--------	--------	51,003,330	--------	38	19,381,265	--------	--------	4	2,040,133
1902	4.0	2,050,133	53,040,133	55,698,559	41	21,999,954	82	43,999,909	4	2,146,337
1903	4.7	2,521,946	45,447,636	47,969,582	32	14,543,244	77	34,994,680	3	1,363,429
1904	3.1	1,408,877	48,535,748	49,944,625	33	16,016,797	78	37.857,883	6	2,912,145
1905	4.0	1,941,430	56,085,903	58,027,333	37	20,751,784	84	47,112,159	6	3,365,154
1906	3.5	1,963,007	57,960,239	59.923,246	45	26.082,108	86	49,845,806	7	4,057,217
1907	4.7	2,724,000	45,922,000	48,646,000	39	17,910.000	55	25,257,000	5	2,296,000
1908	3.4	1,561,000	57,275,000	58,836,000	40	22.910,000	90	51,548,000	10	5,728,000
1909	1.9	1,088,000	41,494,000	42,582,000	29	12,033,000	72	29,876,000	3	1,255,000
1910	3.4	1,411,000	58,630,000	60.041,000	38	22,279,000	86	50,422,000	7	4,104,060
1911	4.3	2,251,000	63,858,000	66,379,000	34	21,712,000	85	54,279,000	7	4,470,000
1912	4.0	2,554,000	61,582,000	64,136,000	39	24,017,000	86	52,961,000	9	5,542,000
1913	4.0	2,463,000	57,057,000	59,520,000	38	21,682,000	71	40,510,000	7	3,994,000
1914	3.0	1,712,000	62,178,000	63.890,000	35	21,762,000	88	54,717,000	9	5,596,000
1915	3.0	1,865,000	58,520,000	60,385,000	37	21,652,000	80	46,816,000	9	5,267,000
1916	3.0	1,756,000	56,550,000	58,306,000	30	16,965,000	81	45,806,000	10	5,655,000
1917	2.0	1,131,000	61,425,000	62,250,000	37	22,727,000	63	38,698,000	12	7,371,000
1918	3.0	1,843,000	59,160,000	61,003,000	31	18,340,000	82	48,511,000	7	4,141,000
1919	2.3	1,361,000	74,307,000	75.668,000	40	29,723,000	87	64,647,000	8	5,945,000
1920	4.7	3,492,000	70,020,000	73,512,000	43	30,109,000	85	50,517,000	12	8,402,000
1921	6.0	4,201,000	76,212,000	80.473,000	52	32,034,000	90	68,645,000	10	7,627,000
1922	5.0	3,814,000	69,212,000	73,026,000	43	29,761,000	87	60,214,000	12	8,305,000
1923	4.0	2,768,000	61,640,000	64,408,000	50	24,656,000	81	49,928,000	10	6,164,000
1924	4.0	2,466,000	48,034,000	50,500,000	35	16,812,000	54	25,938.000	5	2,402,000
1925	2.5	1,201,000	71,808,000	73,009,000	46	33,032,000	87	62,473,000	10	7,181,000
1926	6.0	4,308,000	57,154,000	61,462,000	42	24,005,000	63	36,007,000	7	4,001,000
1927	4.4	2,515,000	50,165,000	52,680,000	--------	--------	--------	--------	--------	--------

[1] Old stocks on November 1 added to crop production of the respective years.
[2] Estimates made on March 1 following the year of production.
[3] Estimates on March 1 of the amount of the crop already shipped and to be shipped from the county where grown.
[4] Crop of the preceding year.

TABLE 40—Corn: Estimated Acreage, Production, Quality[1] and Value, Pennsylvania, 1866-1927

Year	Acres	Production		Quality[1]	Farm value Dec. 1		Value per acre
		Per acre	Total		Per bu.	Total	
		Bus.	Bushels	P. ct.			
1866	1,041,624	34.4	35,831,877	--	$0.63	$22,675,249	$21.67
1867	951,781	32.0	30,457,000	--	.84	25,526,282	26.82
1868	913,685	35.0	31,979,000	--	.74	23,793,899	25.90
1869	939,490	31.4	29,500,000	--	.73	21,505,547	22.92
1870	1,085,642	35.8	38,866,000	--	.67	26,166,517	23.99
1871	1,105,746	35.5	39,254,000	--	.69	27,181,277	24.50
1872	1,127,282	39.0	43,964,000	--	.53	23,364,393	20.67
1873	1,052,108	35.1	36,929,000	--	.55	20,402,762	19.31
1874	1,078,946	33.2	35,821,000	--	.69	24.548,206	22.91
1875	1,100,000	40.0	44,000,000	--	.51	22,249,346	20.40
1876	1,207,142	35.0	42,250,000	--	.50	21,299,267	17.50
1877	1.246,060	33.0	41,120,000	--	.50	20,400,000	16.50
1878	1,259,000	35.0	44,065,000	--	.48	21,108,982	16.80
1879	1,271,600	35.0	44,506,000	--	.54	24,033,240	18.90
1880	1,374,500	40.6	55,804,700	--	.53	29,576,491	21.52
1881	1,374,500	25.2	34,599,000	--	.75	25,949,250	18.90
1882	1,388,245	31.3	43,518,800	--	.70	30,463,160	21.91
1883	1,402,127	27.0	37,857,400	--	.67	25,364,458	18.09
1884	1,403,000	31.0	43,466,000	--	.52	22,602,320	16.12
1885	1,417,030	32.5	46,074,000	--	.49	22,576,260	15.93
1886	1,438,285	28.2	40,545,000	--	.47	19,056,150	13.25
1887	1,394,561	32.2	44,905,000	--	.50	22,452,500	16.10
1888	1,397,350	32.5	45,414,000	--	.50	22,707,000	16.25
1889	1,383,377	29.8	41,225,000	--	.46	18,963,332	13.71
1890	1,383,377	27.5	38,043,000	--	.60	22,825,721	16.50
1891	1,397,211	33.3	46,527,000	--	.57	26,520,462	18.98
1892	1,299,406	30.5	39.632,000	--	.57	22,590,173	17.39
1893	1,273,418	24.5	31,198,741	--	.49	15,287,383	12.01
1894	1,273,418	32.0	40,749,376	--	.55	22,412,157	17.60
1895	1,298,886	33.5	43,512,681	--	.39	16,969,946	13.07
1896	1,311,875	40.0	52,475,000	--	.33	17,316,750	13.20
1897	1,246,281	36.0	44,866,116	--	.34	15,254,479	12.24
1898	1,221,355	37.0	45,190,135	--	.40	18,076,054	14.80
1899	1,257,996	32.0	40,255,872	88	.41	16,504,908	13.12
1900	1,308,316	25.0	32,707,900	80	.45	14,718,555	11.25
1901	1,457,238	35.0	51,003,330	90	.62	31,622,065	21.70
1902	1,486,383	36.1	53.658,426	75	.58	31,121,887	20.94
1903	1,456,655	31.2	45,447,636	79	.57	25,905,153	17.78
1904	1,427,522	34.0	48,535,748	84	.59	28,636,091	20.06
1905	1,441,797	38.9	56,085,903	95	.54	30,286,388	21.01
1906	1.441,797	40.2	57,960,239	93	.52	30,139,324	20.90
1907	1,413,000	32.5	45,922,000	75	.64	29,390,000	20.80
1908	1,450,000	39.5	57,275,000	91	.73	41,811,000	28.84
1909	1,381,000	30.1	41,494,000	77	.70	29.046,000	21.07
1910	1,430,000	41.0	58,630,000	90	.59	34,592,000	24.19
1911	1,435,000	44.5	63,858,000	87	.68	43,423,000	30.26
1912	1.449,000	42.5	61,582,000	88	.63	38,797,000	26.78
1913	1,463,000	39.0	57,057,000	98	.72	41,081,000	28.08
1914	1,463,000	42.5	62,178,000	92	.73	45,390,000	31.03
1915	1,520,000	38.5	58,520,000	83	.70	40.964,000	26.95
1916	1,450,000	39.0	56,550,000	84	.97	54,854,000	37.83
1917	1,575,000	39.0	61,425,000	78	1.53	93,980,000	59.67
1918	1.470,000	40.0	59,160,000	86	1.55	91,698,000	62.00
1919	1,581,000	47.0	74,307,000	96	1.47	109,231,000	69.09
1920	1,556,000	45.0	70,020,000	91	1.00	70,020,000	45.00
1921	1,589,000	48.0	76,272,000	89	.55	41.950,000	26.40
1922	1,573,000	44.0	69,212,000	84	.72	49,833,000	31.68
1923	1,541,000	40.0	61,640,000	79	.91	56,092,000	36.40
1924	1,316,000	36.5	48,034,000	58	1.18	56,680,000	43.07
1925	1,408,000	51.0	71,808,000	86	.80	57,446,000	40.80
1926	1,394,000	41.0	57,154,000	77	.78	44,580,000	31.98
1927	1,270,000	39.5	50,165,000	64	.91	45,650,000	35.94

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[1] High-medium grade represented by 100 for crops to and including the 1920. Beginning with the 1921 crop, quality was estimated on November 1 as a percentage of the crop of merchantable quality, similar to an inquiry on March 1 for the crop of the preceding year.

TABLE 41—Winter Wheat: Leading Counties in Production, Pennsylvania, 1926

County	Production	Acreage	Yield per acre	Total value
	Bushels		Bus.	
TOTAL TEN COUNTIES	13,234,580	568,840	22.7	$16,969,325
% of State total	56.6	48.6	-----	56.2
Lancaster	2,742,850	99,740	27.5	$3,510,848
York	2,394,140	94,630	25.3	3,088,441
Franklin	1,598,460	80,730	19.8	2,077,998
Berks	1,297,440	63,290	20.5	1,634,774
Adams	1,219,690	49,380	24.7	1,609,991
Cumberland	1,120,620	51,170	21.9	1,434,394
Chester	1,046,520	38,760	27.0	1,308,150
Bucks	626,650	31,490	19.9	783,313
Lebanon	602,550	31,220	19.3	789,341
Lehigh	585,660	28,430	20.6	732,075

TABLE 42—Estimated Cash Losses on Wheat, Caused by Angoumois Moth and Garlic[1], in Pennsylvania and in Certain Southeastern Counties, Crop Years 1925 and 1926

County	Cars shipped			Estimated loss in value due to moth and garlic	Estimated farm value of wheat crop	Loss as percentage of crop value
	Number	Per cent discounted				
		For moth	For garlic			
			1925 CROP			
		P. ct.	P. ct.			P. ct.
PENNSYLVANIA	610	20.8	47.3	$978,975	$33,075,000	3.0
Adams	20	35.0	95.0	$68,078	$1,264,302	5.4
Berks	36	44.4	38.9	57,219	1,620,598	3.5
Bucks	18	50.0	66.7	47,605	929,670	5.1
Chester	95	30.5	86.3	74,023	1,389,271	5.3
Cumberland	5	20.0	100.0	86,209	1,584,101	5.4
Dauphin	13	0.0	23.1	8,094	725,812	1.1
Delaware	23	13.0	73.9	2,771	67,578	4.1
Franklin	(No cars shipped)				2,353,635	----
Lancaster	219	12.8	34.7	86,243	4,102,790	2.1
Lebanon	63	17.4	1.6	7,341	1,083,919	0.7
Lehigh	30	10.0	3.3	5,024	996,498	0.5
Montgomery	5	60.0	60.0	30,521	601,938	5.1
York	68	23.5	76.5	148,055	3,491,642	4.2
			1926 CROP			
PENNSYLVANIA	1,705	20.4	60.3	1,226,394	30,186,000	4.1
Adams	121	44.6	98.3	111,126	1,609,991	6.9
Berks	84	8.3	40.0	41,613	1,634,774	2.5
Bucks	27	40.7	70.4	43,634	783,313	5.6
Chester	200	31.0	90.0	82,153	1,308,150	6.3
Cumberland	46	30.0	90.0	87,408	1,434,394	6.1
Dauphin	26	0.0	30.8	11,872	699,338	1.7
Delaware	27	7.4	74.0	3,194	77,104	4.1
Franklin	16	0.0	100.0	111,890	2,077,998	5.4
Lancaster	470	14.0	58.5	131,520	3,510,848	3.7
Lebanon	177	8.5	10.7	7,074	789,341	0.9
Lehigh	42	2.3	19.0	8,461	732,075	1.2
Montgomery	32	21.9	97.0	37,139	584,065	6.4
York	362	29.2	67.4	147,912	3,088,441	4.8

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[1] Garlic and Moth are two of the principal causes for reduction in the grade, and consequently sales value, of Pennsylvania wheat, according to the record of shipments to the terminal markets at Philadelphia and Baltimore. Wheat is discounted 5 cents a bushel in price because of Moth (prior to 1924, 12 cents) and an average of 7 cents a bushel because of garlic (10 cents prior to 1923). Excessive moisture causes a heavy loss also and smut is becoming an increasingly important factor in grade cuts.

TABLE 43—Grading Factors Causing Discount on Price of Pennsylvania Wheat at Terminal Markets[1], Crop Years 1920-1926

Year	Cars Shipped[2]	Percentage of cars reduced in grade because of					
		An-goumois moth	Excess moisture	Garlic	Cockle[3]	Weight per bushel	Smut
		P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.
1920	1,601	15.0	53.2	49.3	10.0	4.0	----------
1921	1,418	57.9	29.5	46.5	10.0	16.6	----------
1922	1,525	47.4	76.5	45.8	10.0	3.1	----------
1923	862	43.8	15.9	44.4	10.0	2.5	0.0
1924	488	21.1	55.5	45.0	10.0	10.5	10.0
1925	610	20.8	57.0	47.3	10.0	10.0	12.6
1926	1,705	20.4	48.7	60.3	4.0	12.9	7.4

[1] Philadelphia and Baltimore.
[2] Pennsylvania shipments to the two terminals.
[3] Estimated previous to 1926.

TABLE 44—Winter Wheat: Proportion of Crop in the Several Grades, Pennsylvania and United States, 1922-1926

Year of Crop	Grade					
	No. 1	No. 2	No. 3	No. 4	No. 5	Below No. 5
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.
PENNSYLVANIA:						
1922	12.5	49.5	26.4	7.7	2.3	1.6
1923	14.0	55.0	21.0	7.0	2.0	1.0
1924	13.0	47.0	28.0	9.0	2.0	1.0
1925	20.0	51.0	19.0	6.0	2.0	2.0
1926	23.0	49.0	18.0	6.0	2.0	2.0
UNITED STATES:						
1922	13.3	38.0	27.6	13.1	5.2	2.8
1923	20.8	42.8	21.7	9.2	3.7	1.8
1924	30.3	42.8	16.8	6.7	2.3	1.1
1925	28.0	45.4	17.9	6.0	1.6	1.1
1926	49.6	33.6	11.5	3.1	1.5	0.7

TABLE 45—Wheat Held by Country Mills and Elevators[1], United States, by States, March 1, 1919-1927

State	1919	1920	1921	1922	1923	1924	1925	1926	1927
	1,000 bus.	1,000 bus.	1,000 bus.	1,000 bus.	1,000 bus.	1,000 bus.	1,000 bus.	1,000 bus.	1,000 bus.
UNITED STATES	107,037	123,233	87,075	75,071	102,908	98,284	67,673	76,333	85,942
New York	706	585	1,122	923	986	816	612	900	977
PENNSYLVANIA	3,577	2,988	2,270	2,337	2,719	2,434	2,437	2,700	4,212
Ohio	4,790	5,820	2,130	3,018	4,245	4,706	3,345	2,187	3,635
Indiana	4,448	3,758	1,997	2,298	2,893	3,425	2,318	2,570	3,064
Illinois	4,478	4,912	2,730	3,746	3,326	3,750	2,659	2,950	2,052
Michigan	868	2,044	1,384	1,261	1,719	2,321	2,215	1,747	2,160
Wisconsin	1,849	1,060	464	231	511	236	334	408	390
Minnesota	15,158	5,002	2,535	2,041	3,819	3,274	3,786	3,935	3,900
Iowa	2,338	1,700	429	796	1,974	949	549	441	550
Missouri	3,721	6,772	3,012	2,901	3,949	3,311	1,711	2,702	2,577
North Dakota	12,681	10,044	9,629	8,075	20,259	9,283	13,345	15,733	12,356
South Dakota	10,567	3,815	1,884	2,000	6,002	2,201	2,813	3,184	1,843
Nebraska	3,297	5,461	2,419	2,634	5,385	2,197	3,511	1,708	2,806
Kansas	5,100	17,630	7,154	6,692	8,600	5,028	7,998	6,191	9,005
Oklahoma	1,645	5,284	2,704	2,224	1,568	2,277	2,358	2,175	4,425
Texas	630	7,232	1,029	1,124	500	982	1,010	328	984
Montana	6,591	1,681	4,877	5,115	7,907	7,156	4,144	4,903	7,146
Washington	4,670	13,404	14,999	9,086	5,458	15,916	2,902	6,038	6,443
All other	19,923	24,041	24,307	18,569	21,543	28,022	9,626	15,533	17,417

[1] Estimated quantities held by mills and elevators at country points as distinguished from that held at primary markets of large accumulation.

TABLE 46—Winter Wheat: Estimated Acreage, Production and Value, Pennsylvania, 1925 and 1926

County and district	Acreage		Yield per acre		Total production		Average price		Total value of crop	
	1925	1926	1925	1926	1925	1926	1925	1926	1925	1926
			Bus.	Bus.	Bushels	Bushels	Per bu.	Per bu.		
Crawford	8,860	8,780	15.0	20.2	132,900	177,360	$1.53	$1.34	$203,337.00	$237,662.00
Erie	5,070	5,830	14.7	14.1	74,530	82,200	1.45	1.39	108,069.00	114,258.00
Forest	650	880	14.9	19.3	9,680	16,980	1.46	1.35	14,133.00	22,923.00
Mercer	12,160	14,670	17.4	17.8	211,580	261,130	1.43	1.39	302,559.00	362,971.00
Venango	3,180	3,630	17.2	17.3	54,700	62,800	1.43	1.39	78,221.00	87,292.00
Warren	920	1,070	15.9	16.5	14,630	17,650	1.57	1.46	22,969.00	25,769.00
NORTHWESTERN	30,840	34,860	16.1	17.7	498,020	618,120	1.46	1.38	729,288.00	850,875.00
Bradford	4,330	4,540	20.6	17.5	89,200	79,450	1.55	1.39	138,260.00	110,435.00
Cameron	80	100	19.9	19.8	1,590	1,980	1.46	1.54	2,321.00	3,049.00
Clinton	9,050	9,680	17.9	13.0	161,990	125,840	1.66	1.29	268,903.00	162,334.00
Elk	110	150	11.9	14.1	1,310	2,110	1.40	1.33	1,834.00	2,806.00
Lycoming	21,910	25,840	18.6	14.3	407,530	369,510	1.49	1.28	607,220.00	472,973.00
McKean	130	180	14.4	18.0	1,870	3,240	1.55	1.43	2,899.00	4,633.00
Potter	70	110	14.4	20.0	1,010	2,200	1.50	1.41	1,515.00	3,102.00
Sullivan	440	600	14.9	17.5	6,560	10,500	1.46	1.29	9,578.00	13,545.00
Tioga	500	740	17.8	20.9	8,900	15,470	1.64	1.40	14,596.00	21,658.00
NORTH CENTRAL	36,620	41,940	18.6	14.6	679,960	610,300	1.54	1.30	1,047,126.00	794,535.00
Lackawanna	40	40	19.8	22.5	790	900	1.57	1.55	1.240.00	1,395.00
Susquehanna	210	210	19.9	19.7	4,180	4,140	1.42	1.51	5,936.00	6,251.00
Wayne	70	70	16.4	18.0	1,150	1,260	1.62	1.35	1,863.00	1,701.00
Wyoming	390	370	17.9	22.0	6.980	8,140	1.49	1.30	10,400.00	10,582.00
NORTHEASTERN	710	690	18.5	20.9	13,100	14,440	1.48	1.38	19,439.00	19,929.00
Armstrong	14,260	15,970	13.3	12.4	189,660	198,030	1.40	1.39	265,524.00	275,262.00
Beaver	7,250	9,380	13.9	14.4	100,770	135,070	1.40	1.27	141,078.00	171,539.00
Butler	15,670	13,080	16.6	14.2	260,120	185,740	1.43	1.30	371.972.00	241,462.00
Clarion	13,670	13,540	15.1	15.3	206,420	207,160	1.39	1.24	286,924.00	256,878.00
Indiana	13,090	14,740	14.1	14.8	184.570	218,150	1.43	1.26	263.935.00	274,869.00
Jefferson	7,240	6,750	18.9	13.5	136,840	91,130	1.42	1.24	194,313.00	113,001.00
Lawrence	10,670	10,780	16.2	16.4	172,850	176,790	1.40	1.35	241,990.00	238,666.00
WEST CENTRAL	81.850	84,240	15.3	14.4	1,251,230	1.212,070	1.41	1.30	1,765,736.00	1,571,677.00
Blair	12,580	12,230	18.2	14.9	228,960	182,230	1.41	1.30	322,834.00	236,899.00
Cambria	3,890	4.140	18.6	18.0	72,350	74,520	1.46	1.50	105,631.00	111,780.00
Centre	27,230	25,640	16.6	15.5	452,020	397,420	1.47	1.30	664,469.00	516,646.00
Clearfield	4,020	4,720	20.1	20.5	80,800	96.760	1.48	1.50	119.584.00	145,140.00
Columbia	22,970	24,510	16.7	19.2	383.600	470,590	1.42	1.31	544.712.00	616,473.00
Dauphin	24,780	25,030	20.2	22.0	500.560	550.660	1.45	1.27	725,812.00	699,338.00

Huntingdon	19,140	18,200	15.3	13.8	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	316,462.00
Juniata	16,060	19,420	18.9	16.9	303,530	328,200	1.50	1.26	455,295.00	413,532.00
Mifflin	15,130	13,960	17.9	14.8	270,830	206,610	1.47	1.23	398,120.00	254,130.00
Montour	10,480	10,790	17.9	21.5	187,590	231,980	1.42	1.27	266,378.00	294,615.00
Northumberland	26,050	29,730	18.6	18.8	484,530	558,920	1.48	1.27	717,104.00	709,828.00
Perry	21,950	23,870	18.4	14.8	403,880	353,280	1.45	1.25	585,626.00	441,600.00
Snyder	21,720	21,310	17.2	18.2	373,580	387,840	1.46	1.29	545,427.00	500,314.00
Union	18,330	19,640	17.6	19.3	322,610	379,050	1.54	1.35	496,819.00	511,717.00
CENTRAL	244,330	253,190	17.8	17.7	4,357,680	4,469,220	1.46	1.29	6,357,787.00	5,768,474.00
Carbon	3,540	3,450	18.9	16.9	66,910	58,310	1.38	1.26	92,336.00	73,471.00
Lehigh	29,880	28,430	23.0	20.6	687,240	585,660	1.45	1.25	996,498.00	732,675.00
Luzerne	5,800	6,610	16.1	19.4	93,380	128,230	1.44	1.28	134,467.00	164,134.00
Monroe	3,660	3,600	17.9	17.1	65,510	61,560	1.35	1.24	88,439.00	76,334.00
Northampton	26,500	27,270	16.2	18.9	429,300	515,400	1.41	1.24	605,313.00	639,096.00
Pike	180	160	17.9	17.0	3,220	2,720	1.49	1.25	4,798.00	3,400.00
Schuylkill	16,800	17,310	20.1	17.5	337,680	302,930	1.42	1.30	479,506.00	393,809.00
EAST CENTRAL	86,360	86,830	19.5	19.1	1,683,240	1,654,810	1.43	1.26	2,401,357.00	2,082,319.00
Allegheny	8,370	9,360	15.1	16.4	126,390	153,500	1.59	1.35	200,960.00	207,225.00
Fayette	6,650	9,230	15.4	16.0	102,410	147,680	1.50	1.44	153,615.00	212,659.00
Greene	3,610	3,510	14.6	16.8	52,710	58,970	1.45	1.43	76,430.00	84,327.00
Somerset	8,830	8,550	17.6	17.4	155,410	148,770	1.48	1.31	230,007.00	194,889.00
Washington	13,990	13,310	12.8	15.2	179,070	202,310	1.45	1.33	259,652.00	269,072.00
Westmoreland	21,980	20,070	14.7	16.4	323,100	329,150	1.54	1.39	497,574.00	457,519.00
SOUTHWESTERN	63,430	64,030	14.8	16.2	939,090	1,040,380	1.51	1.37	1,418,238.00	1,425,691.00
Adams	44,530	49,380	18.2	24.7	810,450	1,219,690	1.56	1.32	1.264,302.00	1,609.991.00
Bedford	21,320	24,630	15.5	14.1	330,460	347,280	1.41	1.28	465,949.00	444,518.00
Cumberland	49,660	51,170	21.7	21.9	1,077,620	1,120,620	1.47	1.28	1,584,101.00	1,434,394.00
Franklin	78,580	80.730	19.2	19.8	1,508.740	1,598,460	1.56	1.30	2,353,635.00	2,077,998.00
Fulton	15,510	15,040	15.3	15.8	237,300	237,630	1.50	1.29	355,950.00	306,543.00
York	93,690	94,630	24.2	25.3	2,267,300	2,394,140	1.54	1.29	3.491,642.00	3,088,441.00
SOUTH CENTRAL	303,290	315,580	20.5	21.9	6,231,870	6,917,820	1.53	1.30	9,515,579.00	8,961,885.00
Berks	60,290	63,290	19.2	20.5	1,157.570	1,297,440	1.40	1.26	1.620.598.00	1,634,774.00
Bucks	27,440	31,490	24.2	19.9	661.00	626,650	1.40	1.25	929,670.00	783,313.00
Chester	35,320	38,760	27.7	27.0	978.360	1,046,520	1.42	1.25	1,389,271.00	1,308,150.00
Delaware	2,060	2,100	23.1	27.4	47.590	57,540	1.42	1.34	67.578.00	77,104.00
Lancaster	99,650	99.740	28.2	27.5	2,810,130	2,742,850	1.46	1.28	4.102,790.00	3,510,848.00
Lebanon	31.810	31,220	23.5	19.3	717.530	602,550	1.45	1.31	1,083,919.00	789,341.00
Montgomery	20,380	31,410	20.8	22.0	423,900	471,020	1.42	1,24	601.938.00	584,065.00
Philadelphia	620	630	26.9	29.0	16,680	18,270	1.48	1.26	24,686.00	23,020.00
SOUTHEASTERN	277,570	288,640	24.7	22.7	6,845.810	6,862,840	1.43	1.27	9,820.450.00	8,710.615.00
PENNSYLVANIA	1,125,000	1,170,000	20.0	20.0	22,500,000	23,400,000	$1.47	$1.29	$33,075,000.00	$30,186,000.00
UNITED STATES	31,234,000	36,913,000	12.9	17.0	401.734.000	626.929,000	$1.48	$1.21	$594,289,000.00	$759,870,000.00

TABLE 47—Wheat:[1] Farm Stocks on July 1 and March 1, Marketings by October 1 and Amount Shipped from Counties, Pennsylvania, 1897-1927

Year of crop	Old stocks on farms July 1		Production	Total supplies [2]	Marketed by October 1		Stocks on farms Mar. 1 following		Shipped out of county where grown [3]	
	Per cent of crop [4]	Amount			Per cent of crop	Amount	Per cent of crop	Amount	Per cent of crop	Amount
		Bushels	Bushels	Bushels		Bushels		Bushels		Bushels
1897			28,259,611				34	9,608,267	35	9,890,864
1898	4.3	1,215,163	26,609,940	27,825,103			38	10,111,777	32	8,515,151
1899	12.7	3,379,462	20,472,923	23,852,385			35	7,165,523	25	5,118,231
1900	14.1	2,886,682	20,281,334	23,168,016			30	6,084,400	32	6,490,027
1901	7.4	1,500,819	28,660,797	30,161,616			36	10,317,887	24	6,878,591
1902	10.7	3,066,705	24,628,171	27,694,876			38	9,358,705	30	7,388,451
1903	8.1	1,994,882	26,038,444	28,033,326			28	7,290,764	20	5,207,689
1904	6.8	1,770,614	21,857,961	23,628,575			34	7,431,707	22	4,808,751
1905	7.1	1,551,915	27,860,671	29,412,586			36	10,029,842	10	2,786,067
1906	7.4	2,061,690	29,073,188	31,134,878			40	11,629,275	25	7,268,297
1907	9.5	2,762,000	30,095,000	32,857,000			38	11,436,000	30	9,029,000
1908	7.2	2,167,000	29,415,000	31,582,000			34	10,001,000	34	10,001,000
1909	3.0	882,000	21,546,000	22,428,000			36	7,757,000	32	6,895,000
1910	6.0	1,293,000	23,300,000	24,593,000			40	9,320,000	35	8,155,000
1911	7.4	1,724,000	17,402,000	19,126,000			28	4,873,000	32	5,569,000
1912	6.2	1,079,000	22,320,000	23,399,000			27	6,026,000	39	8,705,000
1913	6.4	1,428,000	21,862,000	23,290,000			30	6,559,000	32	6,996,000
1914	7.0	1,530,000	23,747,000	25,277,000			23	5,461,000	35	8,311,000
1915	5.0	1,187,000	24,605,000	25,792,000			35	8,612,000	35	8,612,000
1916	9.0	2,214,000	26,125,000	28,339,000			18	4,703,000	40	10,450,000
1917	4.5	1,176,000	24,482,000	25,658,000			26	6,365,000	40	9,793,000
1918	4.0	979,000	25,551,000	26,530,000			21	5,366,000	40	10,220,000
1919	4.0	1,022,000	24,898,000	25,920,000			23	5,727,000	39	9,710,000
1920	5.5	1,369,000	22,700,000	24,069,000	28	6,356,000	35	7,945,000	37	8,399,000
1921	9.0	2,043,000	23,850,000	25,893,000	40	9,540,000	25	5,963,000	38	9,063,000
1922	7.0	1,670,000	24,722,000	26,392,000	41	10,136,000	25	6,181,000	42	10,383,000
1923	6.0	1,483,000	24,338,000	25,821,000	41	9,979,000	29	7,058,000	40	9,735,000
1924	7.0	1,704,000	18,795,000	20,499,000	41	7,706,000	21	3,947,000	36	6,766,000
1925	6.0	1,128,000	22,576,000	23,704,000	42	9,482,000	26	5,870,000	42	9,482,000
1926	8.0	1,806,000	23,533,000	25,339,000	39	9,178,000	29	6,825,000	41	9,649,000
1927	8.0	1,883,000	20,301,000	22,184,000						

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[1] Principally winter wheat. Includes estimated spring wheat production, 1918-1927.
[2] Old stocks on July 1 added to crop production of the respective years.
[3] Estimates on March 1 following the year of production, of the amount of the crop already shipped and to be shipped and to be shipped from the county where grown.
[4] Crop of the preceding year.

TABLE 48—Winter Wheat: Estimated Acreage, Production, Quality[1] and Value, Pennsylvania, 1866-1927

Year	Acres	Production		Quality[1]	Farm value Dec. 1		Value per acre
		Per acre	Total		Per. bu.	Total	
		Bus.	Bushels	P. ct.			
1866	956,333	11.0	10,519,660	---	$1.86	$19,532,331	$20.46
1867	1,200,000	12.5	15,000,000	---	1.74	26,110,315	21.75
1868	1,195,312	12.8	15,300,000	---	1.47	22,540,179	18.82
1869	1,114,864	14.8	16,500,000	---	1.01	16,735,341	14.95
1870	1,426,250	12.0	17,115,000	---	1.14	19,511,715	13.68
1871	1,193,765	16.2	19,339,000	---	1.30	25,217,221	21.06
1872	1,074,351	10.8	11,603,000	---	1.48	17,162,985	15.98
1873	1,094,929	14.2	15,548,000	---	1.38	21,475,138	19.60
1874	1,124,054	14.8	16,636,000	---	1.09	18,151,091	16.13
1875	1,101,449	13.8	15,200,000	---	1.12	17,095,031	15.46
1876	1,419,696	13.2	18,740,000	---	1.15	21,471,127	15.18
1877	1,400,000	13.0	18,200,000	---	1.32	24,077,821	17.16
1878	1,473,000	15.0	22,095,000	---	.97	21,389,371	14.55
1879	1,458,000	15.3	22,307,400	---	1.32	29.445,768	20.20
1880	1,474,292	15.0	22,114,380	---	1.09	24,104,674	16.35
1881	1,503,800	12.5	18,797,000	---	1.34	25,187,980	16.75
1882	1,488,700	13.6	20,300,700	---	1.05	21,315,735	14.28
1883	1,518,474	13.2	20,043,800	---	1.08	21,647,304	14.26
1884	1,533,660	13.6	20,820,000	---	.86	17,905,200	11.70
1885	1,380,294	9.7	13,325,000	---	.96	12,792,000	9.31
1886	1,435,506	12.7	18,255,000	---	.83	15,151,650	10.54
1887	1,421,151	9.7	13,785,000	---	.81	11,165,850	7.86
1888	1,392,728	13.5	18,802,000	---	1.07	20,118,140	14.45
1889	1,350,946	12.3	16,617,000	---	.85	14,124,141	10.46
1890	1,337,437	12.0	16,049,244	---	.99	15,888,752	11.88
1891	1,337,437	15.6	20,864,017	---	1.00	20,864,017	15.60
1892	1,293,610	14.6	18,886,706	---	.81	15,298,232	11.83
1893	1,280,673	14.0	17,929,422	---	.65	11,654,124	9.10
1894	1,227,679	15.0	18,415,185	---	.56	10,312.504	8.40
1895	1,203,125	16.6	19,971,875	---	.65	12,981,719	10.79
1896	1,239,219	14.0	17,349,066	---	.83	14.399,725	11.62
1897	1,434,498	19.7	28,259,611	---	.91	25.716,246	17.93
1898	1,520,568	17.5	26,609,940	---	.68	18,094,759	11.90
1899	1,505,362	13.6	20,472,923	86	.66	13,512,129	8.98
1900	1,502,321	13.5	20,281,334	87	.72	14,602,560	9.72
1901	1,676,070	17.1	28,660,797	---	.72	20,635,774	12.31
1902	1,558,745	15.8	24,628,171	---	.73	17,978,565	11.53
1903	1,669,131	15.6	26,038,444	---	.79	20.570,371	12.32
1904	1,550,210	14.1	21,857,961	---	1.08	23,606,598	15.23
1905	1,629,279	17.1	27,860,671	---	.87	24,228,784	14.88
1906	1,642,553	17.7	29,073,188	---	.76	22,095,623	13.45
1907	1,618,000	18.6	30,095,000	92	.96	28,891,000	17.86
1908	1,590,000	18.5	29,415,000	94	.99	29,121,000	18.32
1909	1,224,000	17.6	21,546,000	93	1.09	23,485,000	19.18
1910	1,309,000	17.8	23,300,000	94	.92	21,436,000	16.38
1911	1,289,000	13.5	17,402,000	86	.92	16,010,000	12.42
1912	1,240,000	18.0	22,320,000	92	.95	21,204,000	17.10
1913	1,286,000	17.0	21,862,000	91	.91	19,894,000	15.47
1914	1,312,000	18.1	23,747,000	90	1.04	24,697,000	18.82
1915	1,330,000	18.5	24,605,000	94	1.04	25,589,000	19.24
1916	1,375,000	19.0	26,125,000	93	1.62	42,322,000	30.78
1917	1,399,000	17.5	24,482,000	94	2.05	50,188,000	35.88
1918	1,480,000	17.0	25,160,000	94	2.14	53,842,000	36.38
1919	1,409,000	17.5	24,658,000	86	2.16	53,261,000	37.80
1920	1,354,000	16.6	22,476,000	93	1.70	38,209,000	28.22
1921	1,350,000	17.5	23,625,000	90	1.03	24,331,000	18.02
1922	1,325,000	18.5	24,512,000	91	1.10	26,963,000	20.35
1923	1,272,000	19.0	24,168,000	91	1.00	24,168,000	19.00
1924	1,136,000	16.5	18,744,000	88	1.44	26,991,000	23.76
1925	1,125,000	20.0	22,500,000	94	1.47	33,075.000	29.40
1926	1,170,000	20.0	23,400,000	92	1.29	30,186,000	25.80
1927	1,090,000	18.5	20,165,000	88	1.27	25,610,000	23.50

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[1] High-medium grade represented by 100.

WINTER GRAIN PLANTED IN THE FALL OF 1926

For the fall of 1926, Pennsylvania farmers intended to increase winter wheat acreage one per cent over plantings made in the fall of 1925. Extremely wet and otherwise unfavorable weather throughout the fall months interfered so extensively that the acreage actually sown was seven per cent less than the acreage sown the previous fall.

Rye acreage was reduced 16 per cent, 78,000 acres being planted in the fall of 1926 as compared with 93,000 acres harvested that year.

On May 1, 1927, the reported abandonment of wheat was 2.5 per cent of the plantings, leaving 1,090,000 acres for harvest or 116,000 less than in 1926.

TABLE 49—Winter Wheat: Abandonment of Acreage, Pennsylvania 1900-1928

Year of crop	Acreage sown preceding fall	Abandonment	
		Per cent of seeding	Acres
1900	1,660,461	9.5	158,140
1901	1,710,275	2.0	34,205
1902	1,676,070	7.0	117,325
1903	1,692,831	1.4	23,700
1904	1,675,903	7.5	125,693
1905	1,659,144	1.8	29,865
1906	1,659,144	1.0	16,591
1907	1,659,000	2.5	41,000
1908	1,626,000	2.2	36,000
1909	1,260,000	2.9	36,000
1910	1,340,000	2.3	31,000
1911	1,340,000	3.8	51,000
1912	1,300,000	4.6	60,000
1913	1,326,000	3.0	40,000
1914	1,340,000	2.1	28,000
1915	1,399,000	4.9	69,000
1916	1,410,000	2.5	35,000
1917	1,457,000	4.0	58,000
1918	1,558,000	5.0	78,000
1919	1,416,000	0.5	7,000
1920	1,404,000	3.5	50,000
1921	1,364,000	1.0	14,000
1922	1,352,000	2.0	27,000
1923	1,305,000	2.5	33,000
1924	1,171,000	3.0	35,000
1925	1,160,000	3.0	35,000
1926	1,206,000	3.0	36,000
1927	1,118,000	2.5	28,000
1928	1,252,000		

TABLE 50—Spring Wheat: Estimated Acreage, Production, Quality[1] and Value, Pennsylvania, 1918-1927

Year	Acres	Production		Quality	Farm value Dec. 1		Value per acre
		Per acre	Total		Per bu.	Total	
		Bus.	Bushels	P. ct.			
1918	23,000	17.0	391,000	94	$2.14	$837,000	$36.38
1919	16,000	15.0	240,000	87	2.16	518,000	32.40
1920	14,000	16.0	224,000	91	1.70	381,000	27.20
1921	15,000	15.0	225,000	86	1.03	232,000	15.45
1922	14,000	15.0	210,000	90	1.10	231,000	16.50
1923	11,000	15.5	170,000	87	1.00	170,000	15.50
1924	3,000	17.0	51,000	86	1.44	73,000	24.33
1925	4,000	19.0	76,000	91	1.55	118,000	29.50
1926	7,000	19.0	133,000	89	1.30	173,000	24.71
1927	8,000	17.0	136,000	81	1.30	177,000	22.13

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[1] High-medium grade represented by 100.

TABLE 51—Oats: Leading Counties in Production, Pennsylvania, 1926

County	Production	Acreage	Yield per acre	Total value
	Bushels		Bus.	
TOTAL TEN COUNTIES	10,854,030	337,010	32.3	$5,408,235
% of State total	30.5	30.3		31.0
Berks	1,500,920	43,130	34.8	$735,451
Crawford	1,320,030	39,880	33.1	633,615
Somerset	1,261,340	40,820	30.9	655,897
Westmoreland	1,081,080	33,470	32.3	594,594
Bradford	1,008,280	36,010	28.0	554,554
York	995,500	29,540	33.7	418,110
Mercer	983,000	27,080	36.3	462,010
Erie	931,980	31,700	29.4	475,310
Tioga	908,860	31,340	29.0	481,696
Cumberland	863,040	24,040	35.9	396,998

TABLE 52—Oats: Farm Stocks on August 1 and March 1, and Amount Shipped from Counties, Pennsylvania, 1897-1927

Year of crop	Old stocks on farms, Aug. 1		Production	Total Supplies[1]	Stocks on farms, Mar. 1, following		Shipped out of county where grown[2]	
	Per cent of crop[3]	Amount			Per cent of crop	Amount	Per cent of crop	Amount
		Bushels	Bushels	Bushels		Bushels		Bushels
1897			31,842,538		40	12,737,015	18	5,731,657
1898	10.0	3,184,254	27,098,902	30,283,156	39	10,568,572	9	2,438,901
1899	8.0	2,167,912	39,148,032	41,315,944	44	17,225,134	4	1,565,921
1900	7.0	2,740,362	38,000,872	40,741,234	42	15,960,366	7	2,660,061
1901	4.0	1,520,035	23,555,656	25,075,691	35	8,244,480	3	706,670
1902	4.6	1,083,560	45,036,182	46,119,742	43	19,365,558	4	1,801,447
1903	9.5	4,278,437	34,582,863	38,861,300	41	14,178,974	5	1,729,143
1904	6.1	2,040,389	39,761,818	41,802,207	38	15,109,490	6	2,385,709
1905	7.3	2,902,613	39,480,324	42,382,937	41	16,186,933	5	1,974,016
1906	7.2	2,842,583	31,816,496	34,659,079	44	13,999,258	5	1,590,826
1907	7.2	2,291,000	27,689,000	31,980,000	41	12,172,000	9	2,672,000
1908	5.0	1,484,000	27,382,000	28,866,000	40	10,953,000	10	2,738,000
1909	3.5	958,000	28,173,000	29,131,000	35	9,861,000	6	1,690,000
1910	5.0	1,409,000	40,269,000	41,678,000	43	17,316,000	9	3,624,000
1911	6.2	2,497,000	31,724,000	34,221,000	36	11,421,000	6	1,903,000
1912	5.5	1,745,000	36,377,000	38,122,000	42	15,278,000	6	2,183,000
1913	6.9	2,510,000	36,774,000	38,284,000	42	15,026,000	5	1,789,000
1914	5.5	1,968,000	32,190,000	34,158,000	39	12,554,000	8	2,575,000
1915	5.5	1,770,000	43,320,000	45,090,000	43	18,628,000	8	3,466,000
1916	7.0	3,032,000	35,030,000	38,062,000	35	12,261,000	8	2,802,000
1917	6.0	1,752,000	40,250,000	42,002,000	42	16,905,000	8	3,220,000
1918	5.5	2,214,000	47,190,000	49,404,000	41	19,348,000	8	3,775,000
1919	7.0	3,303,000	36,456,000	39,759,000	40	14,582,000	6	2,187,000
1920	5.0	1,823,000	47,190,000	49,013,000	46	21,707,000	8	3,775,000
1921	10.0	4,719,000	36,283,000	40,002,000	41	14,466,000	6	2,117,000
1922	7.0	2,470,000	39,780,000	42,250,000	41	16,310,000	7	2,785,000
1923	6.3	2,506,000	33,930,000	36,436,000	38	12,893,000	6	2,036,000
1924	6.5	2,205,000	36,216,000	38,421,000	41	14,849,000	8	2,897,000
1925	6.5	2,354,000	40,495,000	42,849,000	45	18,223,000	7	2,835,000
1926	8.0	3,240,000	35,552,000	38,792,000	42	14,932,000	7	2,489,000
1927	8.5	3,022,000	39,600,000	42,622,000				

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[1] Old stocks on August 1 added to crop production of the respective years.

[2] Estimates on March 1 following the year of production, of the amount of the crop already shipped and to be shipped from the county where grown.

[3] Crop of the preceding year.

WINTER GRAIN PLANTED IN THE FALL OF 1926

For the fall of 1926, Pennsylvania farmers intended to increase winter wheat acreage one per cent over plantings made in the fall of 1925. Extremely wet and otherwise unfavorable weather throughout the fall months interfered so extensively that the acreage actually sown was seven per cent less than the acreage sown the previous fall.

Rye acreage was reduced 16 per cent, 78,000 acres being planted in the fall of 1926 as compared with 93,000 acres harvested that year.

On May 1, 1927, the reported abandonment of wheat was 2.5 per cent of the plantings, leaving 1,090,000 acres for harvest or 116,000 less than in 1926.

TABLE 49—Winter Wheat: Abandonment of Acreage, Pennsylvania 1900-1928

Year of crop	Acreage sown preceding fall	Abandonment		Year of crop	Acreage sown preceding fall	Abandonment	
		Per cent of seeding	Acres			Per cent of seeding	Acres
1900	1,660,461	9.5	158,140	1914	1,340,000	2.1	28,000
1901	1,710,275	2.0	34,205	1915	1,399,000	4.9	69,000
1902	1,676,070	7.0	117,325	1916	1,410,000	2.5	35,000
1903	1,692,831	1.4	23,700	1917	1,457,000	4.0	58,000
1904	1,675,903	7.5	125,693	1918	1,558,000	5.0	78,000
1905	1,659,144	1.8	29,865	1919	1,416,000	0.5	7,000
1906	1,659,144	1.0	16,591	1920	1,404,000	3.5	50,000
1907	1,659,000	2.5	41,000	1921	1,364,000	1.0	14,000
1908	1,626,000	2.2	36,000	1922	1,352,000	2.0	27,000
1909	1,260,000	2.9	36,000	1923	1,305,000	2.5	33,000
1910	1,340,000	2.3	31,000	1924	1,171,000	3.0	35,000
1911	1,340,000	3.8	51,000	1925	1,160,000	3.0	35,000
1912	1,300,000	4.6	60,000	1926	1,206,000	3.0	36,000
1913	1,326,000	3.0	40,000	1927	1,118,000	2.5	28,000
				1928	1,252,000	------------	------------

TABLE 50—Spring Wheat: Estimated Acreage, Production, Quality[1] and Value, Pennsylvania, 1918-1927

Year	Acres	Production		Quality	Farm value Dec. 1		Value per acre
		Per acre	Total		Per bu.	Total	
		Bus.	Bushels	P. ct.			
1918	23,000	17.0	391,000	94	$2.14	$837,000	$36.38
1919	16,000	15.0	240,000	87	2.16	518,000	32.40
1920	14,000	16.0	224,000	91	1.70	381,000	27.20
1921	15,000	15.0	225,000	86	1.03	232,000	15.45
1922	14,000	15.0	210,000	90	1.10	231,000	16.50
1923	11,000	15.5	170,000	87	1.00	170,000	15.50
1924	3,000	17.0	51,000	86	1.44	73,000	24.33
1925	4,000	19.0	76,000	91	1.55	118,000	29.50
1926	7,000	19.0	133,000	89	1.30	173,000	24.71
1927	8,000	17.0	136,000	81	1.30	177,000	22.13

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[1] High-medium grade represented by 100.

TABLE 51—Oats: Leading Counties in Production, Pennsylvania, 1926

County	Production	Acreage	Yield per acre	Total value
	Bushels		Bus.	
TOTAL TEN COUNTIES	10,854,030	337,010	32.3	$5,408,235
% of State total	30.5	30.3		31.0
Berks	1,500,920	43,130	34.8	$735,451
Crawford	1,320,030	39,880	33.1	633,615
Somerset	1,261,340	40,820	30.9	655,897
Westmoreland	1,081,080	33,470	32.3	594,594
Bradford	1,008,280	36,010	28.0	554,554
York	995,500	29,540	33.7	418,110
Mercer	983,000	27,080	36.3	462,010
Erie	931,980	31,700	29.4	475,310
Tioga	908,860	31,340	29.0	481,696
Cumberland	863,040	24,040	35.9	396,998

TABLE 52—Oats: Farm Stocks on August 1 and March 1, and Amount Shipped from Counties, Pennsylvania, 1897-1927

Year of crop	Old stocks on farms, Aug. 1		Production	Total Supplies[1]	Stocks on farms, Mar. 1, following		Shipped out of county where grown[2]	
	Per cent of crop[3]	Amount			Per cent of crop	Amount	Per cent of crop	Amount
		Bushels	Bushels	Bushels		Bushels		Bushels
1897			31,842,538		40	12,737,015	18	5,731,657
1898	10.0	3,184,254	27,098,902	30,283,156	39	10,568,572	9	2,438,901
1899	8.0	2,167,912	39,148,032	41,315,944	44	17,225,134	4	1,565,921
1900	7.0	2,740,362	38,000,872	40,741,234	42	15,960,366	7	2,660,061
1901	4.0	1,520,035	23,555,656	25,075,691	35	8,244,480	3	706,670
1902	4.6	1,083,560	45,036,182	46,119,742	43	19,365,558	4	1,801,447
1903	9.5	4,278,437	34,582,863	38,861,300	41	14,178,974	5	1,729,143
1904	6.1	2,040,389	39,761,818	41,802,207	38	15,109,490	6	2,385,709
1905	7.3	2,902,613	39,480,324	42,382,937	41	16,186,933	5	1,974,016
1906	7.2	2,842,583	31,816,496	34,659,079	44	13,999,258	5	1,590,826
1907	7.2	2,291,000	27,689,000	31,980,000	41	12,172,000	9	2,672,000
1908	5.0	1,484,000	27,382,000	28,866,000	40	10,953,000	10	2,738,000
1909	3.5	958,000	28,173,000	29,131,000	35	9,861,000	6	1,690,000
1910	5.0	1,409,000	40,269,000	41,678,000	43	17,316,000	9	3,624,000
1911	6.2	2,497,000	31,724,000	34,221,000	36	11,421,000	6	1,903,000
1912	5.5	1,745,000	36,377,000	38,122,000	42	15,278,000	6	2,183,000
1913	6.9	2,510,000	36,774,000	38,284,000	42	15,026,000	5	1,789,000
1914	5.5	1,968,000	32,190,000	34,158.000	39	12,554,000	8	2,575,000
1915	5.5	1,770,000	43,320,000	45,090,000	43	18,628,000	8	3.466,000
1916	7.0	3,032,000	35,030,000	38,062,000	35	12,261,000	8	2,802,000
1917	6.0	1,752,000	40.250,000	42,002,000	42	16.905.000	8	3,220,000
1918	5.5	2,214,000	47,190,000	49,404,000	41	19,348,000	8	3,775,000
1919	7.0	3,303,000	36,456,000	39,759,000	40	14,582,000	6	2,187,000
1920	5.0	1,823,000	47,190,000	49,013,000	46	21,707.000	8	3.775,000
1921	10.0	4,719,000	36,283,000	40,002,000	41	14,466,000	6	2,117,000
1922	7.0	2,470,000	39,780,000	42,250,000	41	16,310,000	7	2,785,000
1923	6.3	2,506.000	33,930,000	36,436,000	38	12,893,000	6	2,036,000
1924	6.5	2,205,000	36,216,000	38,421,000	41	14,849.000	8	2,897,000
1925	6.5	2,354,000	40,495,000	42.849,000	45	18,223,000	7	2,835.000
1926	8.0	3,240,000	35,552,000	38.792,000	42	14,932,000	7	2,489,000
1927	8.5	3,022,000	39,600,000	42,622,000				

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[1] Old stocks on August 1 added to crop production of the respective years.

[2] Estimates on March 1 following the year of production, of the amount of the crop already shipped and to be shipped from the county where grown.

[3] Crop of the preceding year.

TABLE 53—Oats:[1] Estimated Acreage, Production and Value, Pennsylvania, 1925 and 1926

County and district	Acreage		Yield per acre		Total production		Average price		Total value of crop	
	1925	1926	1925	1926	1925	1926	1925	1926	1925	1926
			Bus.	Bus.	Bushels	Bushels	Per bu.	Per bu.		
Crawford	42,460	39,880	37.2	33.1	1,579,510	1,320,030	$0.49	$0.48	$773,960.00	$633,615.00
Erie	34,020	31,700	36.5	29.4	1,241,730	931,980	.49	.51	608,448.00	475,310.00
Forest	2,250	1,930	38.8	33.0	87,300	63,690	.51	.51	44,523.00	32,482.00
Mercer	27,690	27,080	36.5	36.3	1,010,690	983,000	.52	.47	525,559.00	462,010.00
Venango	12,500	11,340	37.9	34.6	473,750	392,360	.56	.49	265,300.00	192,257.00
Warren	11,000	9,860	38.4	30.0	422,400	295,800	.51	.53	215,424.00	156,774.00
NORTHWESTERN	129,920	121,790	37.1	32.7	4,815,380	3,986,860	.51	.49	2,433,214.00	1,952,448.00
Bradford	35,660	36,010	33.5	28.0	1,194,610	1,008,280	.47	.55	561,467.00	554,554.00
Cameron	640	640	38.1	25.7	24,380	16,450	.58	.58	14,140.00	9,541.00
Clinton	7,760	7,060	28.7	33.0	222,710	232,980	.43	.40	95,765.00	93,192.00
Elk	6,750	6,660	39.8	34.0	268,650	226,440	.53	.59	142,385.00	133,600.00
Lycoming	26,040	24,340	36.5	30.7	950,460	747,240	.46	.42	437,212.00	313,841.00
McKean	6,180	5.450	34.8	25.0	215,060	136,250	.54	.51	116,132.00	69,488.00
Potter	15,000	14,960	31.4	25.1	471,000	375,500	.53	.46	249.630.00	172,730.00
Sullivan	4,900	4,930	32.3	32.5	158,270	160,220	.41	.46	64,891.00	73,701.00
Tioga	30,340	31,340	32.6	29.0	989,090	908,860	.52	.53	514,327.00	481,696.00
NORTH CENTRAL	133,270	131,390	33.7	29.0	4,494,230	3.812.220	.49	.50	2,195,949.00	1,902,343.00
Lackawanna	5,730	5,950	29.8	29.0	170,750	172,550	.66	.61	112,695.00	105,256.00
Susquehanna	15,340	13,930	40.5	29.4	621,270	409,540	.58	.58	360,337.00	237,533.00
Wayne	6,910	6,370	40.8	30.4	281,930	193,650	.68	.61	191,713.00	118,127.00
Wyoming	6,360	6,220	36.8	30.0	234,050	186,600	.51	.61	119,366.00	113,826.00
NORTHEASTERN	34,340	32,470	38.1	29.6	1,308,000	962,340	.60	.60	784,111.00	574.742.00
Armstrong	20,660	21,050	38.4	34.0	793.340	715,700	.50	.48	396,670.00	343,536.00
Beaver	12,040	11,760	34.5	39.7	415,380	466,870	.55	.52	228,459.00	242,773.00
Butler	25,810	23,850	40.7	34.0	1,050,470	810,900	.54	.53	567,254.00	429,777.00
Clarion	24,030	24,590	37.5	32.0	901,130	786,880	.46	.44	414,520.00	346,227.00
Indiana	27,930	26,210	37.8	27.1	1,055,750	710,290	.55	.49	580,663.00	348,042.00
Jefferson	23,740	22,650	42.4	27.8	1,006,580	629,670	.46	.47	463,027.00	295,945.00
Lawrence	14,310	14.780	42.3	39.7	605,310	586,770	.50	.46	302,655.00	269,914.00
WEST CENTRAL	148,520	144,890	39.2	32.5	5,827,960	4,707,080	.51	.48	2,953,248.00	2,276,214.00
Blair	11,430	11,220	33.4	28.0	381,760	314,160	.59	.50	225,239.00	157,080.00
Cambria	19,320	18,890	30.6	29.0	591,190	547,810	.59	.53	348,802.00	290,339.00
Centre	22,860	22,710	34.8	36.0	795,530	817,560	.40	.38	318,212.00	310,673.00
Clearfield	16,920	15,510	37.8	27.0	639,570	418,780	.55	.59	351,764.00	247,080.00
Columbia	20,960	20,790	33.3	34.4	697,970	715,170	.51	.54	355,965.00	386,192.00
Dauphin	22,320	21,290	31.5	31.5	703,080	670,630	.54	.47	379,663.00	315,196.00
Huntingdon	13,490	13,800	28.4	28.2	383,120	389.160	.51	.43	195,391.00	167,339.00

Juniata	14,620	12.990	31.0	32.0	453,220	415,680	.43	.40	194,885.00	166,272.00
Mifflin	12,210	11,050	35.8	33.3	437,120	367,970	.45	.40	197,704.00	147,188.00
Montour	10,370	9,920	40.7	36.5	422,060	362,080	.48	.43	202,589.00	155,694.00
Northumberland	24,180	23,440	34.1	31.3	824,540	733,670	.47	.41	387.534.00	300,805.00
Perry	19,180	18,110	28.8	30.4	552,380	550,540	.49	.41	270,666.00	225,721.00
Snyder	17,780	17,560	36.0	35.4	640,080	621,620	.45	.39	288,036.00	242,432.00
Union	13,980	13,160	37.6	34.6	525,650	455,340	.38	.38	199,747.00	173,629.00
CENTRAL	239,620	230,440	33.6	32.0	8,047,270	7,380,170	.49	.45	3,915,197.00	3,285,040.00
Carbon	4.800	4,190	38.8	31.7	186,240	132,820	.58	.62	108,019.00	82,348.00
Lehigh	12,840	12,630	33.3	29.4	427,570	371,320	.53	.51	226,612.00	189,373.00
Luzerne	10,660	9,160	33.0	29.8	351,780	272,970	.60	.59	211,068.00	161,052.00
Monroe	6,940	6,290	27.7	31.0	192,240	194,990	.65	.60	124,956.00	116,994.00
Northampton	21,560	19,480	34.7	31.0	748,130	603,880	.51	.52	381,546.00	314,018.00
Pike	1,170	1,160	36.7	30.0	42,940	34,800	.53	.50	22,758.00	17,400.00
Schuylkill	15,000	14,760	36.1	35.5	541,500	523,980	.59	.56	319,485.00	293,429.00
EAST CENTRAL	72,970	67,670	34.1	31.6	2,490,400	2,134,760	.56	.55	1,394,444.00	1,174,614.00
Allegheny	14,620	13.420	36.0	33.4	526,320	448,230	.52	.52	273,686.00	233,080.00
Fayette	16,390	17,090	36.0	33.7	590,040	575,930	.54	.56	318,622.00	322,521.00
Greene	10,030	10,700	29.5	32.0	295,880	342,400	.64	.55	189,363,00	188,320.00
Somerset	40,690	40,820	36.5	30.9	1,485,180	1,261,340	.53	.52	787,145.00	655,897.00
Washington	26,170	25,550	39.8	33.5	1,041,570	855,920	.49	.54	510,369.00	462,197.00
Westmoreland	34,670	33,470	36.0	32.3	1,248,120	1,081.080	.53	.55	661,504.00	594,594.00
SOUTHWESTERN	142,570	141,050	36.4	32.4	5,187,110	4,564,900	.53	.54	2,740,689.00	2,456,609.00
Adams	14,130	13,280	29.1	30.3	411,180	402,380	.51	.44	209,702.00	177,047.00
Bedford	20.560	18,320	34.7	27.1	713,430	496,470	.52	.49	370,984.00	243,270.00
Cumberland	26,130	24,040	27.3	35.9	713,350	863,040	.43	.46	306,741.00	396,998.00
Franklin	8,300	9.020	24.5	29.0	203,350	261,580	.49	.46	99,642.00	120,327.00
Fulton	3,340	3,580	28.5	25.0	95,190	89,500	.55	.54	52,355.00	48,330.00
York	31,030	29,540	30.1	33.7	934,010	995,500	.44	.42	410,964.00	418,110.00
SOUTH CENTRAL	103,490	97,780	29.7	31.8	3,070,510	3,108,470	.47	.45	1,450,388.00	1,404,082.00
Berks	46,580	43,130	32.5	34.8	1,513,850	1,500,920	.51	.49	772,064.00	735,451.00
Bucks	24,820	24,800	29.3	31.9	727,230	791,120	.53	.49	385,432.00	387,649.00
Chester	26,900	24,910	42.5	33.8	1,143,250	841,960	.55	.48	628,788.00	404,141.00
Delaware	2,100	2,300	36.0	37.5	75,600	86,250	.53	.55	40,068,00	47,438.00
Lancaster	17,580	15,970	36.6	34.1	643,430	544,580	.57	.49	366,755.00	266,844.00
Lebanon	19,270	18,200	34.8	35.5	670,590	646,100	.51	.48	342,001.00	310,128.00
Montgomery	14,980	14,130	31.9	34.1	477,860	481,830	.52	.50	248,487.00	240,915.00
Philadelphia	70	80	33.3	30.5	2,330	2,440	.50	.55	1,165.00	1,342.00
SOUTHEASTERN	44,872,000	44,394,000	33.2	28.2	5,254,140	4,895,200	.53	.49	2,784,760.00	2,393,908.00
PENNSYLVANIA	1,157,000	1,111,000	35.0	32.0	40,495,000	35,552,000	$0.51	$0.49	$20,652,000.00	$17,420,000.00
UNITED STATES	44,872,000	44,394,000	33.2	28.2	1,487,550,000	1,253,739,000	$0.38	$0.40	$565,506,000.00	$499,531,000.00

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[1]Includes all oats cut for grain, whether threshed or fed unthreshed.

TABLE 54—Oats: Estimated Acreage, Production, Quality[1] and Value Pennsylvania, 1866-1927

Year	Acres	Production		Quality [1]	Farm value Dec. 1		Value per acre
		Per acre	Total		Per bu.	Total	
		Bus.	Bushels	P. ct.			
1866	1,668,320	32.9	54,954,560	------------	$0.35	$19,107,983	$11.52
1867	1,996,666	30.0	59,900,000	------------	.47	28,319,484	14.10
1868	1,982,302	27.8	55,108,000	------------	.48	26,241,905	13.34
1869	1,344,537	35.7	48,000,000	------------	.37	17,876,387	13.21
1870	1,051,809	32.6	34,289,000	------------	.43	14,774,434	14.02
1871	1,017,580	31.0	31,545,000	------------	.44	13,900,225	13.64
1872	1,011,057	31.2	31,545,000	------------	.38	12,014,482	11.86
1873	1,034,073	30.2	31,229,000	------------	.40	12,365,074	12.08
1874	1,040,935	24.6	25,607,000	------------	.53	13,623,201	13.04
1875	1,083,333	30.0	32,500,000	------------	.36	11,617,262	10.80
1876	1,159,090	28.6	33,150,000	------------	.32	10,634,739	9.15
1877	1,177,778	36.0	42,400,000	------------	.31	13,198,444	11.16
1878	1,166,000	32.4	37,778,400	------------	.27	10,179,808	8.75
1879	1,049,400	31.0	32,531,400	------------	.36	11,711,304	11.16
1880	1,190,714	30.0	35,721,420	------------	.37	13,216,925	11.10
1881	1,212,700	31.8	38,579,000	------------	.48	18,517,920	15.26
1882	1,273,335	27.3	34,721,100	------------	.45	15,624,495	12.29
1883	1,247,868	30.6	38,193,200	------------	.40	15,277,280	12.24
1884	1,253,868	27.9	35,027,000	------------	.35	12,259,450	9.77
1885	1,304,023	26.3	34,326,000	------------	.36	12,357,360	9.47
1886	1,317,663	28.7	37,759,000	------------	.34	12,838,060	9.76
1887	1,330,234	25.5	33,921,000	------------	.35	11,872,350	8.93
1888	1,330,234	26.5	35,251,000	------------	.34	11,985,340	9.01
1889	1,316,932	26.2	34,504,000	------------	.30	10,351,085	7.86
1890	1,277,424	17.2	21,972,000	------------	.48	10,546,413	8.26
1891	1,239,101	27.2	33,704,000	------------	.37	12,470,312	10.06
1892	1,177,146	25.2	29,664,000	------------	.40	11,865,632	10.08
1893	1,141,832	26.8	30,601,098	------------	.35	10,710,384	9.58
1894	1,176,087	22.3	26,226,740	------------	.38	9,966,161	8.47
1895	1,152,565	31.7	36,536,311	------------	.27	9,864,804	8.56
1896	1,164,091	31.0	36,086,821	------------	.24	8,660,837	7.44
1897	1,129,168	28.2	31,842,538	------------	.27	8,597,485	7.61
1898	1,163,043	23.3	27,098,902	------------	.30	8,129,671	6.99
1899	1,186,304	33.0	39,148,032	93	.29	11,352,929	9.57
1900	1,221,893	31.1	38,000,872	89	.30	11,400,262	9.33
1901	1,246,331	18.9	23,555,656	65	.45	10,600,045	8.51
1902	1,233,868	36.5	45,036,182	96	.34	15,312,302	12.41
1903	1,209,191	28.6	34,582,863	74	.37	12,795,659	10.58
1904	1,172,915	33.9	39,761,818	92	.38	15,109,491	12.88
1905	1,161,186	34.0	39,480,324	93	.36	14,212,917	12.24
1906	1,161,186	27.4	31,816,496	81	.38	12,090,268	10.41
1907	1,003,000	29.6	29,689,000	87	.54	16,032,000	15.98
1908	1,003,000	27.3	27,382,000	85	.55	15,060,000	15.02
1909	1,144,000	24.6	28,173,000	86	.50	14,086,000	12.31
1910	1,144,000	35.2	40,269,000	94	.41	16,510,000	14,43
1911	1,121,000	28.3	31,724,000	86	.50	15,862,000	14.15
1912	1,099,000	33.1	36,377,000	88	.41	14,915,000	13.57
1913	1,154,000	31.0	35,774,000	90	.46	16,456,000	14.26
1914	1,073,000	30.0	32,190,000	90	.51	16,417,000	15.30
1915	1,140,000	38.0	43,320,000	90	.44	19,061,000	16.72
1916	1,130,000	31.0	35,030,000	86	.57	19,967,000	17.67
1917	1,150,000	35.0	40,250,000	92	.73	29,382,000	25.55
1918	1,210,000	39.0	47,190,000	98	.80	37,752,000	31.20
1919	1,176,000	31.0	36.456,000	86	.80	29,165,000	24.80
1920	1,210,000	39.0	47,190,000	93	.66	31,145,000	25.74
1921	1,238,000	28.5	35,283,000	81	.45	15,877,000	12.82
1922	1,170,000	34.0	39,780,000	89	.48	19,094,000	16.32
1923	1,170,000	29.0	33,930,000	85	.52	17,644,000	15.08
1924	1,006,000	36.0	36,216,000	93	.62	22,454,000	22.32
1925	1,157,000	35.0	40,495.000	91	.51	20,652,000	17.85
1926	1,111,000	32.0	35,552,000	78	.49	17,420,000	15.68
1927	1,100,000	36.0	39,600,000	88	.54	21,384,000	19.44

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[1] High-medium grade represented by 100.

TABLE 55—Barley: Estimated Acreage, Production, Quality[1] and Value Pennsylvania, 1866-1927

Year	Acres	Production		Quality [1]	Farm value Dec. 1		Value per acre
		Per acre	Total		Per bu.	Total	
		Bus.	Bushels	P. ct.			
1866	27,873	22.3	621,574	------------	$0.76	$471,151	$16.95
1867	30,750	20.0	615,000	------------	.98	603,546	19.60
1868	27,570	21.4	590,000	------------	1.22	719,910	26.11
1869	26,737	23.6	631,000	------------	.81	510,000	19.12
1870	20,794	23.9	497,000	------------	.82	405,987	19.60
1871	25,376	18.6	472,000	------------	.81	382,014	15.07
1872	24,619	18.4	453,000	------------	.78	353,091	14.3[illegible]
1873	19,320	20.6	398,000	------------	.97	384,807	19.98
1874	19,000	23.0	437,000	------------	.90	394,049	20.70
1875	22,608	23.0	520,000	------------	.89	462,424	20.47
1876	25,454	22.0	560,000	------------	.78	436,297	17.16
1877	26,042	24.0	625,000	------------	.81	504,621	19.44
1878	26,050	26.0	677,300	------------	.80	540,758	20.80
1879	28,100	22.0	618,200	------------	.83	513,106	18.26
1880	20,824	24.0	499,776	------------	.84	419,812	20.16
1881	22,700	21.1	480,000	------------	.95	456,000	20.05
1882	27,694	22.7	628,800	------------	.80	503,040	18.16
1883	27,556	21.0	578,496	------------	.73	422,302	15.33
1884	26,729	21.4	573,000	------------	.66	378,180	14.12
1885	26,194	18.5	485,000	------------	.70	339,212	12.95
1886	28,065	18.0	505,000	------------	.60	303,000	10.80
1887	27,223	17.8	485,000	------------	.68	329,800	12.10
1888	26,951	17.0	458,000	------------	.65	297,809	11.05
1889	20,950	23.6	493,893	------------	.55	271,641	12.98
1890	19,693	20.0	413,553	------------	.70	289,497	14.00
1891	19,693	22.5	443,092	------------	.64	283,579	14.40
1892	19,102	21.6	414,513	------------	.57	236,272	12.31
1893	18,529	19.0	352,051	------------	.50	176,026	9.50
1894	16,861	16.6	279,893	------------	.48	134,349	7.97
1895	12,814	20.2	258,843	------------	.41	106,126	8.28
1896	10,251	17.2	176,317	------------	.40	70,527	6.88
1897	8,918	24.5	218,491	------------	.39	85,211	9.56
1898	8,829	19.4	171,283	------------	.44	75,365	8.54
1899	8,564	21.0	179,844	92	.49	88,124	10.29
1900	7,793	19.0	148,067	93	.50	74,034	9.50
1901	9,057	17.2	155,780	82	.59	91,910	10.15
1902	8,966	21.0	188,286	89	.54	101,674	11.34
1903	8,876	21.3	189,059	90	.56	105,873	11.93
1904	9,054	22.6	204,620	94	.56	114,587	12.66
1905	8,692	25.0	217,300	94	.55	119,515	13.75
1906	8,518	25.0	212,950	92	.55	17,122	13.75
1907	9,000	25.5	230,000	94	.70	161,000	17.85
1908	9,000	26.0	234,000	85	.63	147,000	16.38
1909	8,000	17.9	136,000	92	.67	91,000	11.99
1910	8,000	26.5	212,000	92	.63	134,000	16.70
1911	7,000	25.0	175,000	89	.65	114,000	16.25
1912	7,000	27.5	192,000	88	.68	131,000	18.70
1913	7,000	26.0	182,000	93	.71	129.000	18.46
1914	7,000	28.0	196,000	93	.70	137,000	19.60
1915	8,000	29.5	236,000	93	.75	177,000	22.13
1916	12,000	25.0	300,000	87	.75	225.000	18.75
1917	13,000	28.0	364,000	93	1.40	510,000	39.20
1918	15,000	28.0	420,000	94	1.20	504,000	33.60
1919	14,000	24.5	343,000	89	1.28	439,000	31 36
1920	15,000	24.0	360,000	92	.90	324,000	21.60
1921	13,000	21.5	280,000	90	.62	174,000	13.33
1922	12,000	25.5	306,000	92	.65	199,000	16.58
1923	12,000	22.4	269,000	87	.72	194,000	16.13
1924	11,000	26.5	292,000	93	.90	263,000	23.85
1925	15,000	25.5	383,000	92	.86	329,000	21.93
1926[2]	18,000	27.0	486,000	83	.80	389,000	21.61
1927	21,000	28.0	588,000	89	.83	488,000	23.24

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[1] High-medium grade represented by 100.
[2] Estimates revised December 1927.

TABLE 56—Barley: Farm Stocks on August 1 and March 1 and Amount Shipped from Counties, Pennsylvania, 1909-1927

Year of crop	Old stocks on farms Aug. 1		Production	Total supplies [1]	Stocks on farms Mar. 1 following		Shipped out of county where grown [2]	
	Per cent of crop [3]	Amount			Per cent of crop	Amount	Per cent of crop	Amount
		Bus.	Bus.	Bus.		Bus.		Bus.
1909			136,000		30	41,000	5	7,000
1910			212,000		30	64,000	10	21,000
1911	2.0	4,000	175,000	179,000	34	60,000	0	
1912	2.0	4,000	192,000	196,000	28	54,000	10	19,000
1913	2.0	4,000	182,000	186,000	27	49,000	7	13,000
1914	2.0	4,000	196,000	200,000	23	45,000	5	10,000
1915	2.5	5,000	236,000	241,000	20	47,000	5	12,000
1916	4.0	9,000	300,000	309,000	15	45,000	3	9,000
1917	2.0	6,000	364,000	370,000	15	55,000	1	4,000
1918	2.0	7,000	420,000	427,000	20	84,000	2	8,000
1919	3.5	15,000	343,000	358,000	17	58,000	1	3,000
1920	4.0	14,000	360,000	374,000	24	86,000	7	25,000
1921	5.5	20,000	280,000	300,000	30	84,000	2	6,000
1922	4.0	11,000	306,000	317,000	20	61,000	3	9,000
1923	2.0	6,000	269,000	275,000	22	59,000	3	8,000
1924	2.5	7,000	292,000	299,000	12	35,000	2	6,000
1925	2.0	6,000	383,000	389,000	14	54,000	1	4,000
1926	4.0	15,000	486,000	501,000	11	53,000	1	5,000
1927	2.5	12,000	588,000	600,000				

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[1] Old stocks on August 1 added to crop production of the respective years.

[2] Estimates on March 1 following the year of production, of the amount of the crop already shipped and to be shipped from the county where grown.

[3] Crop of the preceding year.

BUSHELS BY WEIGHT AND BY VOLUME

The volume of a bushel measure in the United States (called Winchester bushel) is 2,150.42 cubic inches. This is equivalent to a cube each side of which is 12.907 inches or a solid measuring 12 x 12 x 14.93 inches. The English (imperial) bushel is about three per cent larger, containing 2,218.19 cubic inches.

In commercial transactions the use of the term "bushel" to signify volume is being replaced by its use to indicate a specified weight. Particularly is this true of wheat in the grain exchanges.

Legalized bushel weights have been established by the United States for many products and by the various State legislatures for other commodities although legal weights are not always uniform between states.

In gathering information on production of crops, reporters are instructed to report in equivalents of weighted bushels. These bushel weights for Pennsylvania are as shown in Table 58. Whenever tonnage of a crop is reported, a short ton of 2,000 pounds is specified.

TABLE 57—Weight per Measured Bushel of Wheat, Oats and Barley, Pennsylvania, 1903-1927

Year	Winter wheat	Oats	Barley	Year	Winter wheat	Spring wheat	Oats	Barley
	Pounds	Pounds	Pounds		Pounds	Pounds	Pounds	Pounds
1903	59.0	30.0		1915	59.9		33.0	47.8
1904	58.0	29.0		1916	59.5		30.6	46.0
1905	59.0	32.0		1917	59.5		31.8	47.0
1906	59.5	32.0		1918	60.0	59.0	33.9	48.0
1907	59.0	30.0		1919	59.0	57.0	31.0	47.0
1908	60.0	32.0		1920	59.5	58.0	33.0	48.0
1909	59.0	31.0		1921	59.0	57.0	30.0	47.0
1910	59.0	33.0	46.0	1922	59.0	58.0	31.5	47.0
1911	59.0	21.0	49.0	1923	59.5	58.0	31.0	47.5
1912	60.0	32.0	47.0	1924	59.2	57.0	34.0	48.0
1913	59.7	31.0	48.0	1925	59.8	57.0	33.0	46.5
1914	49.7	31.5	47.0	1926	60.1	58.6	31.9	48.2
				1927	59.6	58.0	32.3	46.8

TABLE 58—Legal Bushel Weights of Commodities in Pennsylvania[1]

FRUITS

Commodity	Legal weight
	Pounds
Apples[2]	45
Apples, dried	25
Cherries, with stems,	56
Cherries, stemmed	64
Cranberries	32
Currants	40
Gooseberries	40
Grapes	45
Peaches	48
Peaches, dried (peeled)	38
Peaches, dried (unpeeled)	33
Pears	50
Plums	64
Quinces	48
Raspberries	48
Strawberries	48

VEGETABLES

Commodity	Legal weight
Beans, dried	60
Beans, castor (shelled)	46
Beets	56
Cabbage	50
Carrots	50
Cucumbers	48
Horseradish	50
Onions	50
Onion sets	28
Parsnips	30
Peas, green (unshelled)	28
Peas, dried	60
Potatoes	60
Potatoes, sweet [2]	54
Rutabagas	60
Spinach	12
Tomatoes	56

NUTS

Commodity	Legal weight
Chestnuts, hulled	50
Hickory nuts	50
Peanuts	22
Walnuts, common	50

GRAINS AND GRAIN FEEDS

Commodity	Legal weight
	Pounds
Barley	48
Bran	20
Buckwheat	48
Corn shelled	56
Corn, ear (husked)	70
Corn meal	50
Hominy	60
Malt	35
Oats	32
Rice, rough	45
Rye	56
Rye meal	50
Shorts	20
Spelt	40
Wheat	60

GRASSES, FORAGE, ETC.

Commodity	Legal weight
Alfalfa seed	60
Blue grass seed	14
Broom corn seed	50
Clover seed	60
Flax seed	56
Hemp seed	44
Herd's grass	45
Hungarian grass seed	50
Kaffir corn	56
Lentils	60
Linseed	56
Millet	50
Orchard grass seed	14
Rape seed	50
Redtop grass seed	14
Sorghum seed	50
Timothy grass seed	45

MISCELLANEOUS

Commodity	Legal weight
Cement	100
Charcoal	20
Coal, anthracite	75
Coal, bituminous	76
Coal, stone	80
Coke	40
Hair (plastering)	8
Lime	80
Salt, coarse	85
Salt, ground	62

[1] As provided in Act 235 of 1913 with subsequent amendments to and including 1925.

[2] U. S. weights: apples, 50 lbs. per bushel; sweet potatoes, 55 lbs.

TABLE 59—Rye: Leading Counties in Production, Pennsylvania, 1926

County	Production	Acreage	Yield per acre	Total value
	Bushels		Bus.	
TOTAL TEN COUNTIES	713,810	41,410	17.4	$661,149
% of State total	48.0	44.5		45.8
Berks	116,440	6,260	18.6	$110,618
Franklin	104,040	6,120	17.0	88,434
Bucks	89,300	4,880	18.3	75,905
Indiana	79,750	5,500	14.5	70,977
Schuylkill	65,840	3,990	16.5	73,082
Cumberland	54,720	2,990	18.3	46,512
Northampton	54,360	3,600	15.1	57,622
York	52,930	2,620	20.2	44,461
Montgomery	50,550	2,490	20.3	49,034
Monroe	45,880	2,960	15.5	44,504

TABLE 60—Rye: Estimated Acreage, Production and Value, Pennsylvania, 1925 and 1926

County and district	Acreage		Yield per acre		Total production		Average price		Total value of crop	
	1925	1926	1925	1926	1925	1926	1925	1926	1925	1926
			Bus.	Bus.	Bushels	Bushels	Per bu.	Per bu.		
Crawford	320	260	17.6	15.3	5,630	3,980	$1.12	$1.07	$6,306.00	$4,259.00
Erie	1,810	1,410	15.4	12.8	27,870	19,050	1.00	1.06	27,870.00	19,133.00
Forest	50	40	18.6	19.5	930	780	1.16	1.13	1,079.00	881.00
Mercer	1,140	1,300	13.6	17.4	15,500	22,620	1.07	.92	16,585.00	20,810.00
Venango	140	160	17.6	17.6	2,460	2,820	1.19	1.10	2,928.00	3,102.00
Warren	70	50	17.6	15.0	1,230	750	1.04	1.04	1,279.00	780.00
NORTHWESTERN	3,530	3,220	15.2	15.2	53,624	49,000	1.05	1.00	56,047.00	48,965.00
Bradford	1,900	1,590	19.8	14.2	37,620	22,580	1.11	.97	41,758.00	21,903.00
Cameron	10	10	13.0	15.0	130	150	1.15	1.25	150.00	187.00
Clinton	580	410	13.6	15.1	7,890	6,190	1.12	.87	8,837.00	5,385.00
Elk	30	20	15.7	17.5	470	350	1.29	1.20	606.00	420.00
Lycoming	3,300	3,060	16.6	11.3	54,780	34,580	.97	.90	53,137.00	31,122.00
McKean	30	30	19.7	15.7	590	470	.99	1.00	584.00	470.00
Potter	60	40	16.5	21.0	990	840	1.36	.99	1,346.00	832.00
Sullivan	60	40	15.5	16.5	930	660	1.47	.90	1,367.00	594.00
Tioga	150	110	15.6	17.6	2,340	1,940	.89	.97	2,083.00	1,882.00
NORTH CENTRAL	6,120	5,310	17.3	12.8	105,740	67,760	1.04	.93	109,868.00	62,795.00
Lackawanna	200	190	18.4	21.1	3,680	4,010	1.22	1.39	4,490.00	5,574.00
Susquehanna	110	100	15.8	15.1	1,740	1,510	1.17	1.04	2,036.00	1,570.00
Wayne	70	60	16.6	16.2	1,090	970	1.36	1.26	1,482.00	1,222.00
Wyoming	520	480	18.3	18.9	9,520	9,070	.97	1.10	9,235.00	9,977.00
NORTHEASTERN	900	830	17.8	18.7	16,020	15,560	1.08	1.18	17,243.00	18,343.00
Armstrong	2,600	2,290	14.2	12.8	36,920	29,310	.96	.94	35,443.00	27,551.00
Beaver	420	400	14.6	13.8	6,130	5,520	1.31	1.11	8,030.00	6,127.00
Butler	1,310	1,040	12.6	13.6	16,510	14,140	1.03	1.02	17,005.00	14,423.00
Clarion	1,140	950	1,523	14.1	17,440	13,390	1.01	.91	17,615.00	12,185.00
Indiana	6,120	5,500	14.5	14.5	88,740	79,750	1.07	.89	94,952.00	70,977.00
Jefferson	3,940	3,060	15.5	12.1	61,070	37,030	.93	.90	56,795.00	33,327.00
Lawrence	700	530	14.3	13.6	10,010	7,210	.92	.95	9,209.00	6,849.00
WEST CENTRAL	16,230	13,770	14.6	13.5	236,820	186,350	1.01	.92	239,049.00	171,439.00
Blair	750	560	16.3	14.1	12,060	7,760	1.33	1.11	16,040.00	8,614.00
Cambria	2,380	2,200	16.6	15.1	39,510	33,220	1.28	1.32	50,573.00	43,850.00
Centre	800	670	16.3	14.6	12,240	9,780	1.08	1.02	13,219.00	9,976.00
Clearfield	2,660	2,170	16.8	16.6	40,450	33,850	1.16	1.09	46,922.00	36,986.00
Columbia	3,620	2,770	16.2	14.3	58,640	39,610	1.08	.95	63,331.00	37,629.00
Dauphin	1,080	960	21.8	17.1	23.540	16,420	1.21	.91	28,484.00	14,942.00
Huntingdon	1,080	1,060	11.8	12.6	12,750	13,230	1.12	1.03	14,280.00	13,627.00
Juniata	340	230	17.9	14.6	6,090	3,360	1.05	.94	6,395.00	3,158.00

Mifflin	230	220	15.6	15.1	3,590	3,320	1.09	.85	3,913.00	2,822.00
Montour	980	870	13.1	17.9	12,840	15,570	.92	.98	11,813.00	15,259.00
Northumberland	2,210	2,180	14.9	17.8	32,930	38,800	1.04	1.05	34,247.00	40,740.00
Perry	1,080	790	14.8	14.1	15,980	11,140	.93	.84	14,862.00	9,358.00
Snyder	1,190	980	19.8	18.4	23,560	18,030	1.05	1.02	24,738.00	18,391.00
Union	330	260	17.3	17.6	5,710	4,580	1.04	.78	5,938.00	3,572.00
CENTRAL	18,620	15,900	16.1	15.6	299,890	248,670	1.12	1.04	334,755.00	258,834.00
Carbon	1,570	2,290	19.7	16.1	50,630	36,870	1.14	1.00	57,718.00	36,870.00
Lehigh	3,130	2,200	20.6	17.9	64,165	39,380	1.12	1.06	71,859.00	41,743.00
Luzerne	2,640	1,990	15.8	16.9	40,130	33,630	1.09	.95	43,742.00	31,949.00
Monroe	3,570	2,960	15.8	16.5	56,410	45,880	1.02	.97	57,538.00	44,504.00
Northampton	4,310	3,600	17.2	16.1	74,130	54,360	1.00	1.06	74,130.00	57,622.00
Pike	460	370	14.8	14.6	6,810	5,400	.93	1.00	6,333.00	5,400.00
Schuylkill	4,770	3,990	17.0	16.5	81,090	65,840	1.17	1.11	94,875.00	73,082.00
EAST CENTRAL	21,350	17,400	17.5	16.2	373,362	281,360	1.09	1.03	406,195.00	291,170.00
Allegheny	720	530	15.8	15.8	11,370	8,370	1.45	.99	16,487.00	8,286.00
Fayette	390	300	17.8	15.6	6,940	4,680	1.28	1.22	8,883.00	5,710.00
Greene	60	40	16.7	15.7	1,000	630	1.17	1.25	1,170.00	788.00
Somerset	1,450	1,280	17.8	13.1	25,810	16,770	1.27	1.14	32,779.00	19,118.00
Washington	410	330	13.8	13.6	5,660	4,490	1.14	1.25	6,453.00	5,613.00
Westmoreland	1,720	1,300	13.1	15.6	22,530	20,280	1.16	1.25	26,135.00	25,350.00
SOUTHWESTERN	4,750	3,780	15.4	14.6	73,310	55,220	1.25	1.17	91,907.00	64,865.00
Adams	2.010	1,590	18.2	18.8	36,580	29,890	1.01	.88	36,946.00	26,303.00
Bedford	3,900	3,290	13.5	11.9	52,650	39,150	1.04	.98	54,756.00	38,367.00
Cumberland	4,000	2,990	19.3	18.3	77,200	54,720	.92	.85	71,024.00	46,512.00
Franklin	7,720	6,120	18.4	17.0	142,050	104,040	.95	.85	134,948.00	88,434.00
Fulton	1,150	1,030	14.1	11.1	16,220	11,430	1.07	.98	17,356.00	11,201.00
York	3,190	2,620	20.5	20.2	66,390	52,930	.98	.84	64,082.00	44,461.00
SOUTH CENTRAL	21,970	17,640	17.8	16.6	390,090	292,160	.97	.87	379,112.00	255,278.00
Berks	8,360	6,260	19.1	18.6	159,680	116,440	1.06	.95	169,261.00	110,618.00
Bucks	5,830	4,880	18.9	18.3	110,190	89,300	.94	.85	103,579.00	75,905.00
Chester	410	290	20.5	27.0	8,410	7,830	1.13	.98	9,503.00	7,673.00
Delaware	50	40	20.6	26.0	1,030	1,040	1.12	.99	1,154.00	1,030.00
Lancaster	900	630	23.5	25.1	21,150	15,180	1.11	1.00	23,477.00	17,233.00
Lebanon	800	530	19.5	19.3	15,600	10.230	1.05	.89	16,380.00	9,105.00
Montgomery	3,140	2,490	17.6	20.3	55,260	50,550	1.06	.97	58,576.00	49,034.00
Philadelphia	40	30	20.5	24.0	820	720	1.09	.99	894.00	713.00
SOUTHEASTERN	19,530	15,150	19.1	19.3	372,140	291,920	1.03	.93	382,824.00	271,311.00
PENNSYLVANIA	113,000	93,000	17.0	16.0	1,921,000	1,488,000	$1.05	$0.97	$2,017,000.00	$1,443,000.00
UNITED STATES	3,974,000	3,513,000	11.7	11.4	46,456,000	40,024,000	$0.78	$0.84	$36,340,000.00	$33,416,000.00

TABLE 61—Rye: Estimated Acreage, Production Quality[1] and Value, Pennsylvania, 1866-1927

Year	Acres	Production		Quality[1]	Farm value Dec. 1		Value per acre
		Per acre	Total		Per bu.	Total	
		Bus.	Bushels	P. ct.			
1866	483,065	13.6	6,569,690	------------	$0.81	$5,345,297	$11.02
1867	498,686	13.7	6,832,000	------------	1.01	6,900,516	13.84
1868	496,818	13.2	6,558,000	------------	.98	6,440,893	12.94
1869	456,204	13.7	6,250,000	------------	.78	4,902,932	10.69
1870	262,333	12.0	3,148,000	------------	.80	2,515,009	9.60
1871	228,493	14.6	3,336,000	------------	.77	2,580,000	11.24
1872	229,029	13.4	3,069,000	------------	.76	2,337,768	10.18
1873	226,414	14.5	3,283,000	------------	.75	2,448,646	10.88
1874	227,273	14.3	3,250,000	------------	.81	2,637,511	11.58
1875	231,343	13.4	3,100,000	------------	.74	2,297,297	9.92
1876	231,428	14.0	3,240,000	------------	.68	2,197,617	9.52
1877	242,857	14.0	3,400,000	------------	.67	2,282,101	9.38
1878	245,300	15.4	3,777,620	------------	.84	3,166,866	12.94
1879	247,800	12.0	2,973,600	------------	.68	2,022,048	8.16
1880	390,495	15.0	5,857,425	------------	.76	4,451,643	11.40
1881	386,600	10.5	4,050,000	------------	.96	3,888,000	10.08
1882	394,332	10.2	4,009,500	------------	.74	2,967,030	7.55
1883	402,219	10.1	4,049,595	------------	.70	2,834,716	7.07
1884	406,241	10.1	4,090,000	------------	.64	2,617,600	6.46
1885	402,179	8.2	3,298,000	------------	.66	2,176,593	5.41
1886	402,179	11.3	4,545,000	------------	.58	2,636,100	6.55
1887	394,135	8.7	3,429,000	------------	.56	1,920,240	4.87
1888	398,076	11.2	4,458,000	------------	.62	2,764,240	6.94
1889	336,041	11.1	3,742,164	------------	.52	1,945,925	5.77
1890	336,041	12.2	4,099,700	------------	.70	2,869,790	8.54
1891	336,041	14.8	4,973,407	------------	.80	3,978,726	11.84
1892	323,320	12.8	4,149,432	------------	.62	2,572,648	7.94
1893	316,147	14.7	4,647,361	------------	.57	2,648,996	8.38
1894	306,663	13.9	4,262,616	------------	.56	2,387,065	7.78
1895	309,730	15.1	4,676,923	------------	.50	2,338,462	7.55
1896	281,854	16.0	4,509,664	------------	.47	2,119,542	7.52
1897	281,854	19.0	5,355,226	------------	.43	2,302,747	8.17
1898	276,217	16.1	4,447,094	------------	.47	2,090,134	7.57
1899	262,406	15.0	3,936,090	88	.51	2,007,406	7.65
1900	288,647	15.3	4,416,299	92	.53	2,340,638	8.11
1901	383,596	15.9	6,099,176	88	.60	3,659,506	9.54
1902	379,760	16.0	6,076,160	94	.53	3,220,365	8.48
1903	368,367	15.6	5,746,525	89	.62	3,562,846	9.67
1904	346,265	15.5	5,367,108	91	.71	3,810,647	11.01
1905	346,265	17.0	5,886,505	94	.65	3,826,228	11.05
1906	346,265	17.4	6,025,011	95	.64	3,856,007	11.14
1907	346,300	16.7	5,783,000	93	.75	4,337,000	12.53
1908	343,000	16.5	5,660,000	93	.77	4,358,000	12.71
1909	273,000	12.8	3,497,000	92	.80	2,798,000	10.24
1910	288,000	17.0	4,896,000	95	.73	3,574,000	12.41
1911	285,000	15.1	4,304,000	93	.80	3,443,000	12.08
1912	282,000	17.5	4,935,000	95	.77	3,800,000	13.48
1913	280,000	17.5	4,900,000	94	.74	3,626,000	12.95
1914	280,000	18.0	5,040,000	95	.83	4,183,000	14.94
1915	274,000	18.0	4,932,000	96	.84	4,143,000	15.12
1916	260,000	17.0	4,420,000	95	1.09	4,818,000	18.53
1917	245,000	17.0	4,165,000	95	1.70	7,080,000	28.90
1918	220,000	17.0	3,740,000	95	1.65	6,171,000	28.05
1919	200,000	16.0	3,208,000	91	1.57	5,037,000	25.12
1920	186,000	16.0	2,976,000	94	1.40	4,166,000	22.40
1921	188,000	16.0	3,008,000	90	.95	2,858,000	15.20
1922	220,000	17.0	3,740,000	95	.87	3,254,000	14.79
1923	215,000	17.0	3,655,000	92	.91	3,326,000	15.47
1924	125,000	16.0	2,000,000	92	1.13	2,260,000	18.08
1925	113,000	17.0	1,921,000	94	1.05	2,017,000	17.85
1926	93,000	16.0	1,488,000	91	.97	1,443,000	15.52
1927	78,000	17.0	1,326,000	91	1.05	1,392,000	17.85

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[1] High-medium grade represented by 100.

TABLE 62—Monthly Marketing of Principal Grain Crops and Hay[1], Pennsylvania, Average July 1914-June 1924

Crop	Average percentage of the total annual marketings made each month[2]											
	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June
Corn	6.9	9.1	6.4	7.1	7.6	7.3	9.9	9.1	11.1	6.3	9.5	9.7
Wheat	9.3	17.0	13.5	10.1	9.7	7.8	7.3	6.4	6.0	3.8	4.8	4.3
Oats	8.0	10.2	9.5	10.5	8.7	8.8	9.5	6.9	8.3	6.6	6.3	6.7
Rye	8.7	10.4	11.0	9.0	9.3	11.4	7.3	6.5	7.7	6.3	7.0	5.4
Hay	3.8	5.6	7.2	7.2	8.9	9.3	10.1	10.0	11.4	8.4	10.2	7.9

Cumulative movement of marketings

Corn	6.9	16.0	22.4	29.5	37.1	44.4	54.3	63.4	74.5	80.8	90.3	100
Wheat	9.3	26.3	39.8	49.9	59.6	67.4	74.7	81.1	87.1	90.9	95.7	100
Oats	8.0	18.2	27.7	38.2	46.9	55.7	65.2	72.1	80.4	87.0	93.3	100
Rye	8.7	19.1	30.1	39.1	48.4	59.8	67.1	73.6	81.3	87.6	94.6	100
Hay	3.8	9.4	16.6	23.8	32.7	42.0	52.1	62.1	73.5	81.9	92.1	100

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[1] For details of other states, see page 114, April, 1925, supplement of Crops and Markets.

[2] Based upon actual monthly receipts for the year as reported each June by country mills and elevators.

WHEAT REQUIREMENTS

The average annual per capita consumption of wheat, including flour in Pennsylvania was estimated fifteen years ago to be 5.8 bushels; and now it is estimated to be only 5.1 bushels. The estimated pre-war per capita flour consumption was 1.29 barrels. Pennsylvania's total annual requirement of wheat for food is accordingly about 49,000,000 bushels. The seed requirement is approximately 2,000,000 bushels, the average rate of seeding being 1.8 bushels per acre. Pennsylvania in recent years has been producing much less than half the amount of its wheat requirements.

TABLE 63—Buckwheat: Leading Counties in Production, Pennsylvania, 1926

County	Production	Acreage	Yield per acre	Total value
	Bushels		Bus.	
TOTAL TEN COUNTIES	2,017,220	106,020	18.9	$1,738,110
% of State total	55.9	55.8		54.1
Bradford	449,660	22,710	19.8	$395,701
Crawford	233,380	12,480	18.7	198,373
Tioga	231,650	11,300	20.5	194,586
Indiana	211,060	12,200	17.3	179,401
Jefferson	202,000	10,100	20.0	167,660
Erie	182,020	9,480	19.2	154,717
Somerset	135,980	7,390	18.4	118,302
Clarion	131,900	7,130	18.5	105,520
Butler	121,130	6,180	19.6	106,594
Clearfield	118,440	7,050	16.8	117,256

TABLE 64—Buckwheat: Estimated Acreage, Production and Value, Pennsylvania, 1925 and 1926

County and district	Acreage		Yield per acre		Total production		Average price		Total value of crop	
	1925	1926	1925	1926	1925	1926	1925	1926	1925	1926
			Bus.	Bus.	Bushels	Bushels	Per bu.	Per bu.		
Crawford	13,620	12,480	24.5	18.7	333,690	233,380	$0.82	$0.85	$273,626.00	$198,373.00
Erie	9,160	9,480	20.8	19.2	190,530	182,020	.86	.85	163,856.00	154,717.00
Forest	790	650	19.9	18.4	15,720	11,960	.95	.89	14,934.00	10,644.00
Mercer	6,460	4,960	23.4	17.2	151,160	85,310	.89	.90	134,532.00	76,779.00
Venango	4,880	5,280	26.3	18.5	128,340	97,680	.77	.78	98,822.00	76,190.00
Warren	2,730	3,090	21.0	17.9	57,330	55,310	1.03	.93	59,050.00	51,438.00
NORTHWESTERN	37,640	35.940	23.3	18.5	876.770	665,660	.85	.85	744,820.00	568,141.00
Bradford	23,660	22,710	20.8	19.8	492,130	449,660	.84	.88	413,389.00	395,701.00
Cameron	140	170	21.0	13.5	2,940	2,300	1.12	.99	3,293.00	2,277.00
Clinton	810	650	22.7	21.0	18,390	13,650	1.03	.90	18,942.00	12,285.00
Elk	1,520	1,230	26.9	18.5	40,890	22,750	1.07	1.07	43,752.00	23,887.00
Lycoming	5,780	4.950	25.7	19.3	148,540	95,530	.87	.88	129,230.00	84,066.00
McKean	1,020	1,000	19.4	18.8	19,790	18,800	.95	.87	18,800.00	16,356.00
Potter	4,250	4,970	20.8	20.0	88,400	99,400	.91	.81	80,444.00	80,514.00
Sullivan	1,910	1,950	22.9	19.0	43,740	37,050	.84	.86	36,742.00	31,863.00
Tioga	11,980	11,300	20.8	20.5	249,180	231,650	.86	.84	214,295.00	194,586.00
NORTH CENTRAL	51,070	48,930	21.6	19.8	1,104,000	970,790	.87	.87	958,887.00	841,535.00
Lackawanna	830	680	20.0	23.5	16,600	15,980	1.38	1.37	22,908.00	21,893.00
Susquehanna	4,930	4,370	21.6	23.1	106,490	100,950	1.16	.96	123,528.00	96,912.00
Wayne	1,800	1,820	18.9	20.6	34,020	37.490	1.31	1.31	44,566.00	49,112.00
Wyoming	2,690	2,470	22.5	22.0	60,520	54,340	.91	.90	55,073.00	48,906.00
NORTHEASTERN	10,250	9,340	21.2	22.4	217,630	208,760	1.13	1.04	246,075.00	216,823.00
Armstrong	6,040	5,750	25.0	15.5	151,000	89,130	.87	.87	131,370.00	77,543.00
Beaver	210	220	16.3	15.5	3,420	3,410	.90	1.03	3,112.00	3,512.00
Butler	5,880	6,180	17.7	19.6	104,080	121,130	.87	.88	90,550.00	106,594.00
Clarion	6,890	7,110	27.6	18.5	190,160	131,900	.83	.80	157,833.00	105,520.00
Indiana	11,690	12,200	26.5	17.3	309,790	211,060	.84	.85	260,219.00	179,401.00
Jefferson	11,760	10.100	25.7	20.0	302,230	202,000	.82	.83	247,829.00	167,660.00
Lawrence	1,080	1,080	21.5	16.0	23,220	17,280	.97	.87	22,523.00	15,034.00
WEST CENTRAL	43,550	42,660	24.9	18.2	1,083,900	775,910	.84	.86	913,436.00	655,264.00
Blair	820	1,000	18.5	21.5	15,170	21,500	1.10	1.07	16,687.00	23,005.00
Cambria	4,720	4,470	26.1	22.0	123,190	98,340	.92	.91	113,335.00	89,489.00
Centre	760	780	21.2	17.8	16,110	13,880	1.10	.95	17,721.00	13,186.00
Clearfield	5,880	7,050	23.8	16.8	139,960	118,440	1.00	.99	139,960.00	117,256.00
Columbia	4,360	4,670	19.4	16.8	84,580	78,460	.96	.87	81,196.00	68,260.00
Dauphin	380	470	28.5	21.6	10.830	10,150	1.11	1.20	11,913.00	12,180.00
Huntingdon	1,540	1,550	22.5	18.5	34,650	28,680	1.05	.89	36,383.00	25,525.00
Juniata	670	820	23.2	21.5	15,540	17,630	.92	.91	14,297.00	16,043.00

Mifflin	130	100	25.0	16.5	3,250	1,650	1.07	1.02	3,478.00	1,683.00
Montour	600	540	19.0	20.5	11,400	11,070	.95	.82	10,830.00	9,077.00
Northumberland	1,220	1,320	24.5	17.0	29,890	22,440	1.09	.95	32,580.00	21,318.00
Perry	980	1,200	20.2	21.2	19,800	25,440	1.04	.84	20,592.00	21,370.00
Snyder	1,070	1,160	20.3	21.7	21,720	25,170	1.02	.90	22,154.00	22,653.00
Union	220	230	24.4	22.3	5.370	5,130	.96	.90	5,155.00	4,617.00
CENTRAL	23,350	25,360	22.8	18.8	531,460	477,980	.99	.93	526,281.00	445,662.00
Carbon	920	1,010	23.5	19.2	21,620	19,390	1.00	1.04	21,620.00	20,166.00
Lehigh	80	60	20.2	20.5	1,620	1,230	1,22	1.27	1,976.00	1,562.00
Luzerne	2,010	1,540	21.5	16.5	43,220	25,410	1.14	.91	49,271.00	23,123.00
Monroe	2,140	2,270	25.7	20.3	55,000	46,080	1.05	.93	57,750.00	43,315.00
Northampton	410	420	24.5	14.2	10,040	5,960	1.14	1.01	11,446.00	6,020.00
Pike	350	410	22.0	18.5	7,700	7,590	1.08	1.02	8,316.00	7,742.00
Schuylkill	1,090	870	24.5	22.0	26,700	19,140	1.24	1.23	33,108.00	23,542.00
EAST CENTRAL	7,000	6,580	23.7	19.0	165,900	124.800	1.11	1.01	183,487.00	125,470.00
Allegheny	140	110	16.8	19.5	2,350	2,140	1.32	1.02	3,102.00	2,183.00
Fayette	1,740	1,790	25.8	18.5	44,890	33,110	1.07	.91	48,032.00	30,130.00
Greene	40	50	16.5	17.0	660	850	1.07	.92	706.00	782.00
Somerset	7,250	7,390	25.8	18.4	187,050	135,980	.94	.87	175,827.00	118,302.00
Washington	60	60	19.5	19.0	1,170	1,140	1.04	.90	1,217.00	1.026.00
Westmoreland	1,690	1,300	21.5	20.1	36,340	26,130	1.05	1.18	38,157.00	30,833.00
SOUTHWESTERN	10,920	10,700	24.5	18.6	272,460	199,350	.98	.92	267,041.00	183,256.00
Adams	520	580	26.9	25.2	13,990	14,620	1,21	.85	16,928.00	12,427.00
Bedford	5,450	5.430	19.2	16.0	104,640	86,880	.97	.96	101,501.00	83,405.00
Cumberland	10	10	16.5	18.7	160	190	1.22	1.29	195.00	241.00
Franklin	190	200	17.0	19.0	3,230	3,800	1.19	1.02	3,844.00	3,876.00
Fulton	1,790	2,100	19.8	18.5	35,440	38,850	1.01	.86	35,794.00	33,411.00
York	820	850	25.8	18.9	21,160	16,060	1.07	.90	22,641.00	14,454.00
SOUTH CENTRAL	8,780	9,170	20.3	17.5	178,620	160,400	1.01	.92	180,903.00	147,814.00
Berks	90	80	29.5	23.5	2,660	1,880	1.24	1.15	3,298.00	2,162.00
Bucks	900	820	20.8	19.5	18,720	15,990	1.21	1.11	22,651.00	17,749.00
Chester	50	50	22.5	20.0	1,130	1,000	1.26	1.17	1,424.00	1,170.00
Delaware	------	------	------	------	------	------	----	----	--------	--------
Lancaster	130	120	29.5	23.0	3,830	2,760	1.26	1.17	4,826.00	3,229.00
Lebanon	40	40	22.5	20.9	900	840	1.47	1.19	1,323.00	1,000.00
Montgomery	230	210	17.5	18.5	4,020	3,880	1.38	.96	5,543.00	3,725.00
Philadelphia	------	------	------	------	------	------	----	----	--------	--------
SOUTHEASTERN	1,440	1,320	21.7	20.0	31,260	26,350	1.25	1.10	39,070.00	29,035.00
PENNSYLVANIA	194,000	190,000	23.0	19.0	4,462,000	3,610,000	$0.91	$0.89	$4,060,000.00	$3,213,000.00
UNITED STATES	747,000	707,000	18.7	18.3	13,994,000	12,922.00	$0.89	$0.88	$12,423,000.00	$11,408,000.00

TABLE 65—Buckwheat: Estimated Acreage, Production, Quality[1] and Value, Pennsylvania, 1866-1927

Year	Acres	Production		Quality[1]	Farm value Dec. 1		Value. per acre
		Per acre	Total		Per bu.	Total	
		Bus.	Bushels	P. ct.			
1866	454,146	21.4	9,718,728	------------	$0.67	$6,488,163	$14.34
1867	542,576	16.3	8,844,000	------------	.81	7,158,825	13.20
1868	498,424	16.5	8,224,000	------------	.81	6,668,762	13.37
1869	396,341	16.4	6,500,000	------------	.74	4,790,016	12.14
1870	126,555	18.0	2,278,000	------------	.76	1,738,154	13.68
1871	97,156	21.1	2,050,000	------------	.84	1,714,478	17.72
1872	107,600	20.0	2,152,000	------------	.82	1,772,684	16.40
1873	103,692	19.5	2,022,000	------------	.77	1,563,978	15.02
1874	101,078	20.4	2,062,000	------------	.77	1,580,433	15.71
1875	116,000	20.0	2,320,000	------------	.60	1,395,641	12.00
1876	154,411	13.6	2,100,000	------------	.68	1,424,381	9.25
1877	175,000	16.0	2,800,000	------------	.66	1,852,140	10.56
1878	170,000	16.0	2,720,000	------------	.55	1,493,014	8.80
1879	170,000	22.0	3,740,000	------------	.60	2,244,000	13.20
1880	241,723	17.0	4,109,291	------------	.62	2,547,760	10.54
1881	244,000	10.1	2,466,000	------------	.96	2,367,360	9.70
1882	246,440	14.5	3,575,000	------------	.73	2,610,261	10.59
1883	251,369	9.8	2,467,233	------------	.85	2,097,148	8.33
1884	258,910	12.4	3,207,000	------------	.58	1,860,060	7.19
1885	274,445	14.2	3,897,000	------------	.54	2,104,444	7.67
1886	274,445	12.8	3,513,000	------------	.54	1,897,020	6.91
1887	274,445	11.9	3,266,000	------------	.56	1,828,960	6.66
1888	277,189	14.0	3,881,000	------------	.65	2,522,420	9.10
1889	210,488	14.6	3,069,717	------------	.55	1,688,344	8.03
1890	214,698	13.5	2,898,423	------------	.55	1,594,133	7.43
1891	216,845	13.6	2,949,092	------------	.57	1,680,982	7.75
1892	227,687	14.5	3,301,462	------------	.53	1,749,775	7.69
1893	218,580	14.1	3,081,978	------------	.59	1,818,367	8.32
1894	227,323	18.0	4,091,814	------------	.53	2,168,661	9.54
1895	229,596	19.9	4,568,960	------------	.44	2,010,342	8.76
1896	252,556	17.3	4,369,219	------------	.38	1,660,303	6.57
1897	239,928	21.0	5,038,488	------------	.42	2,116,165	8.82
1898	237,529	17.2	4,085,499	------------	.44	1,797,620	7.57
1899	242,280	20.0	4,845,600	95	.54	2,616,624	10.80
1900	227,743	14.0	3,188,402	91	.55	1,753,621	7.70
1901	242,402	19.5	4,726,839	94	.56	2,647,030	10.92
1902	247,250	18.1	4,475,225	85	.61	2,729,887	11.04
1903	252,195	16.5	4,161,218	89	.64	2,663,180	10.56
1904	244,629	18.8	4,559,025	92	.63	2,897,386	11.84
1905	232,398	20.0	4,647,960	94	.56	2,602,858	11.20
1906	252,000	19.0	4,788,000	92	.57	2,729,160	10.83
1907	257,000	18.0	4,626,000	88	.69	3,192,000	12.42
1908	260,000	19.2	4,992,000	89	.75	3,744,000	14.40
1909	293,000	16.4	4,797,000	90	.68	3,262,000	11.15
1910	293,000	19.5	5,714,000	91	.62	3,543,000	12.09
1911	291,000	21.9	6,373,000	88	.69	4,397,000	15.11
1912	306,000	24.2	7,405,000	90	.64	4,739,000	15.49
1913	280,000	18.5	5,180,000	98	.73	3,781,000	13.51
1914	280,000	20.5	5,740,000	89	.76	4,362,000	15.58
1915	260,000	21.0	5,460,000	92	.78	5,259,000	16.38
1916	270,000	14.0	3,780,000	86	1.11	4,196,000	15.54
1917	282,000	18.0	5,070,000	86	1.63	8,274,000	29.34
1918	325,000	18.0	5,850,000	91	1.60	9,360,000	28.80
1919	230,000	21.6	4,968,000	91	1.40	6,955,000	30.24
1920	232,000	18.0	4,176,000	94	1.20	5,011,000	21.60
1921	225,000	23.0	5,175,000	95	.75	3,881,000	17.25
1922	225,000	21.0	4,725,000	92	.80	3,780,000	16.80
1923	227,000	21.5	4,880,000	88	.91	4,441,000	19.56
1924	215,000	19.0	4,085,000	89	1.03	4,208,000	19.57
1925	194,000	23.0	4,462,000	88	91	4,060,000	20.93
1926	190,000	19.0	3,610,000	78	.89	3,213,000	16.91
1927	210,000	23.5	4,935,000	91	.85	4,195,000	19.98

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[1] High-medium grade represented by 100.

TABLE 66—White Potatoes: Leading Counties in Production, Pennsylvania, 1926

County	Production	Acreage	Yield per acre	Total value
	Bushels		Bus.	
TOTAL TEN COUNTIES	9,084,510	76,300	119	$15,184,085
% of State total	41.0	38.5		40.3
Lehigh	1,861,260	13,890	134	$2,587,152
Berks	976,800	8,140	120	1,572,648
York	959,500	9,500	101	1,611,960
Lancaster	891,000	8,250	108	1,461,240
Schuylkill	829,490	7,610	109	1,567,736
Erie	826,250	6,610	125	1,503,775
Somerset	711,100	5,470	130	1,066,650
Luzerne	700,000	5,600	125	1,316,000
Northampton	672,750	5,850	115	1,190,768
Bucks	656,360	5,380	122	1,306,156

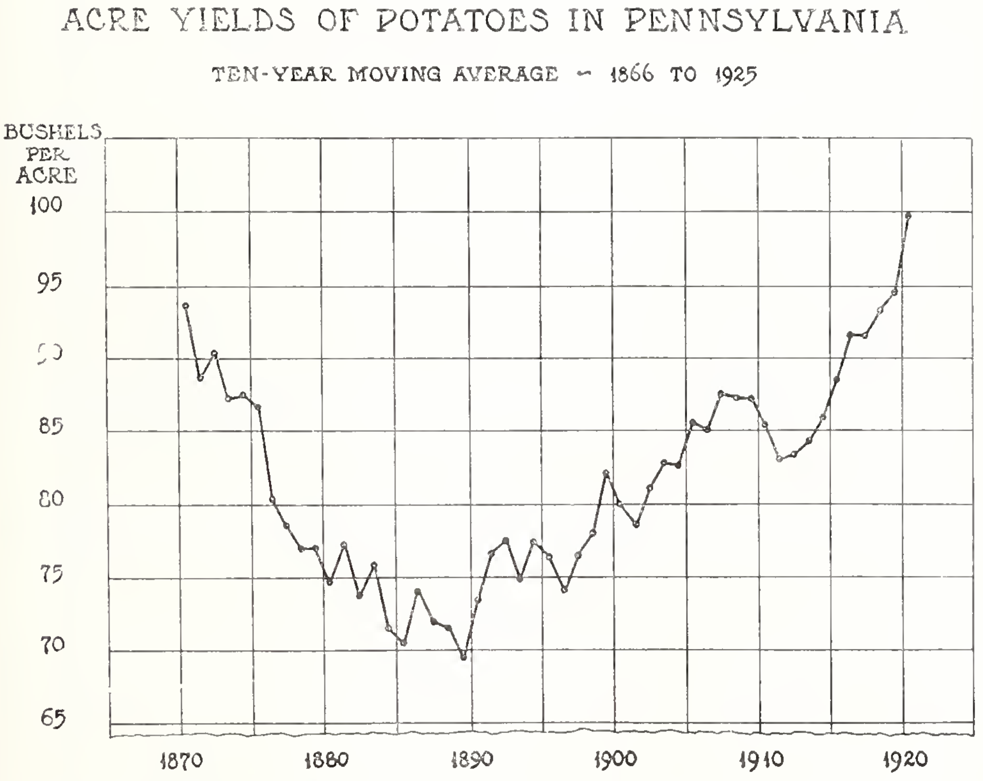

FIG. 19—The trend in acre yield of potatoes reflects conditions affecting crop production in Pennsylvania since the Civil War. Unfavorable prices, lack of scientific knowledge to combat heavy inroads of insects and diseases, impoverishment of the soil, etc., contributed to the steady decline from 1866 to 1890. Disease control, improved seed and fertilizers are a few of the factors that have caused the pronounced upward trend in acre yields since that period

TABLE 67—White Potatoes: Estimated Acreage, Production and Value, Pennsylvania, 1925 and 1926

County and district	Acreage		Yield per acre		Total production		Average price		Total value of crop	
	1925	1926	1925	1926	1925	1926	1925	1926	1925	1926
			Bus.	Bus.	Bushels	Bushels	Per bu.	Per bu.		
Crawford	4,830	4,740	134	111	647,220	526,140	$1.62	$1.60	$1,048,497.00	$841,824.00
Erie	7,300	6,610	129	125	941,700	826,250	1.72	1.82	1,619,724.00	1,503,775.00
Forest	280	290	150	126	42,000	36,540	1.82	1.66	76,440.00	60,291.00
Mercer	4,310	4,180	120	108	517,200	451,440	1.77	1.74	915,444.00	785,506.00
Venango	1,640	1,700	115	100	188,600	170,000	1.95	1.86	367,770.00	316,200.00
Warren	2,280	2,140	107	81	243,960	173,340	1.73	1.89	422,052.00	327,613.00
NORTHWESTERN	20,640	19,660	125	111	2,580,680	2,183,710	1.72	1.76	4,449,927.00	3,835,209.00
Bradford	4,070	4,990	91	102	370,370	508,980	1.79	1.52	662,963.00	773,650.00
Cameron	210	220	111	106	23,310	23,320	1.76	1.51	41,027.00	35,213.00
Clinton	1,460	1,320	151	106	220,460	139,920	1.80	1.69	396,828.00	236,465.00
Elk	1,220	1,080	117	94	142,740	101,520	1.81	1.55	258,361.00	157,356.00
Lycoming	3,060	3,000	129	99	394,740	297,000	1.93	1.70	761,849.00	504,900.00
McKean	1,070	1,050	106	94	113,420	98,700	2.06	1.94	233,646.00	191,478.00
Potter	3,880	3,460	122	132	473,360	456,720	1.84	1.12	870,984.00	511,527.00
Sullivan	650	700	117	124	76,050	86,800	1.66	1.49	126,243.00	129,332.00
Tioga	2,930	3,090	93	100	272,490	309,000	1.89	1.32	515,007.00	407,880.00
NORTH CENTRL	18,550	18,910	113	107	2,086,940	2,021,960	1.85	1.46	3,866,908.00	2,947,801.00
Lackawanna	2,420	2,460	90	136	217,800	334,560	2.32	2.00	505,296.00	669,120.00
Susquehanna	2,810	2,870	83	125	233,230	358,750	2.06	1.76	480,455.00	631,400.00
Wayne	1,950	1,970	86	127	167,700	250,190	2.34	1.86	392,418.00	465,354.00
Wyoming	1,450	1,380	104	136	150,800	187,680	1.93	1.64	291,044.00	307,795.00
NORTHEASTERN	8,630	8,680	89	130	769,530	1,131,180	2.17	1.83	1,669,213.00	2,073,669.00
Armstrong	2,210	2,270	96	87	212,160	197,490	1.89	2.05	400,984.00	404,855.00
Beaver	1,910	1,940	103	92	196,730	178,480	1.82	2.12	358,050.00	378,378.00
Butler	3,380	3,320	98	115	331,240	381,800	1.95	2.08	645,918.00	794,144.00
Clarion	1,500	1,470	101	105	151,500	154,350	1.92	1.75	290,880.00	270,113.00
Indiana	2,790	2,610	128	121	357,120	315,810	1.88	1.78	671,387.00	562,142.00
Jefferson	3,110	2,760	91	109	283,010	300,840	1.93	1.53	546,210.00	460,285.00
Lawrence	1,370	1,420	130	126	178,100	178,920	1.82	1.95	324,142.00	348,894.00
WEST CENTRAL	16,270	15,790	105	108	1,709,860	1,707,690	1.89	1.89	3,237,571.00	3,218,811.00
Blair	1,720	1,760	125	100	215,000	176,000	1.98	1.72	425,700.00	302,720.00
Cambria	4,760	4,530	120	89	571,200	403,170	2.12	1.90	1,210,944.00	766,023.00
Centre	2,610	2,470	105	121	274,050	298,870	1.53	1.57	419,288.00	469,226.00
Clearfield	3,230	3,400	105	114	339,150	387,600	1.77	1.68	600,297.00	651,168.00
Columbia	4,300	4,160	119	118	511,700	490,880	1.66	1.58	849,422.00	775,591.00
Dauphin	2,570	2,560	122	100	313,540	256,000	2.14	1.71	670,977.00	437,760.00
Huntingdon	1,550	1,670	116	69	179,800	115,230	1.71	1.73	307,458.00	199,348.00

Juniata	1,330	1,180	120	86	159,600	101,480	1.55	1.49	247,380.00	151,205.00
Mifflin	860	800	125	96	107,500	76,800	1.66	1.87	178,450.00	143,616.00
Montour	690	610	109	106	75,210	64,660	1.79	1.56	134,627.00	100,870.00
Northumberland	3,130	2,900	125	94	391,250	272,600	2.01	1.75	786,414.00	477,050.00
Perry	1,420	1,430	125	91	177,500	130,130	1.52	1.38	269,800.00	179,580.00
Snyder	1,950	2,110	117	112	228,150	236,320	1.73	1.63	394,701.00	385,202.00
Union	1,290	1,340	153	123	197,370	164,820	1.74	1.49	343,425.00	245,582.00
CENTRAL	31,410	30,920	119	103	3,741,020	3,174,560	1.83	1.67	6,838,893.00	5,284,941.00
Carbon	2,310	2,270	128	120	295,680	272,400	2.03	1.67	600,231.00	454,908.00
Lehigh	14,070	13,890	146	134	2,054,220	1,861,260	2.04	1.39	4,190,610.00	2,587,152.00
Luzerne	5,550	5,600	150	125	832,500	700,000	2.00	1.88	1,665,000.00	1,316,000.00
Monroe	1,750	1,810	115	110	201,250	199,100	2.33	1.82	468,914.00	362,362.00
Northampton	6,630	5,850	148	115	981,240	672,750	2.36	1.77	2,315,728.00	1,190,768.00
Pike	410	400	85	93	34,850	37,200	2.00	1.99	69,700.00	74,028.00
Schuylkill	7,610	7,610	147	109	1,118,670	829,490	2.00	1.89	2,237,340.00	1,567,736.00
EAST CENTRAL	38,330	37,430	144	122	5,518,410	4,752,200	2.09	1.65	11,547,523.00	7,552,954.00
Allegheny	1,240	1,220	121	111	150,040	135,420	2.28	2.14	342,092.00	289,799.00
Fayette	1,560	1,560	139	117	216,840	182,520	2.07	2.03	448,859.00	370,516.00
Greene	720	710	137	73	98,640	51,830	1.97	2.03	194,322.00	105,215.00
Somerset	5,330	5,470	144	130	767,520	711,100	1.85	1.50	1,419,912.00	1,066,650.00
Wasbington	1,340	1,390	115	80	154,100	111,200	2.25	2.21	346,725.00	245,752.00
Westmoreland	2,330	2,630	101	93	235,330	244,590	2.25	2.07	529,493.00	506,301.00
SOUTHWESTERN	12,520	12,980	130	111	1,622,470	1,436,660	2.02	1.80	3,281,403.00	2,584,233.00
Adams	1,520	1,390	131	101	199,120	140,390	1.91	1.79	380,320.00	251,298.00
Bedford	2,380	2,480	125	106	297,500	262,880	1.64	1.57	487,900.00	412,722.00
Cumberland	2,600	2,620	136	105	353,600	275,100	1.94	1.67	685,984.00	459,417.00
Franklin	2,750	2,830	106	116	291,500	328,280	1.77	1.69	515,955.00	554,793.00
Fulton	650	640	100	99	65.000	63,360	1.81	1.65	117,650.00	104,544.00
York	9,770	9,500	101	101	986,770	959,500	2.01	1.68	1,983,408.00	1,611,960.00
SOUTH CENTRAL	19,670	19,460	112	104	2,193,490	2,029,510	1.90	1.67	4,171,217.00	3,394,734.00
Berks	8,830	8,140	138	120	1,218,540	976,800	1.96	1.61	2,388,340.00	1,572,648.00
Bucks	5,960	5,380	140	122	834,400	656,360	1.93	1.99	1,610,392.00	1,306,156.00
Chester	5,910	5,400	116	112	685,560	604,800	2.07	1.74	1,419,110.00	1,052,352.00
Delaware	980	960	70	94	68,600	90,240	2.33	1.99	159,838.00	179,578.00
Lancaster	8,260	8,250	127	108	1,049,020	891,000	1.94	1.64	2,035,100.00	1,461,240.00
Lebanon	2,780	2,850	131	112	364,180	319,200	1.83	1.73	666,451.00	552,216.00
Montgomery	2,600	2,500	131	117	340,600	292,500	2.11	1.74	718,666.00	508,950.00
Philadelphia	660	690	95	127	62,700	87,630	2.24	1.98	140,448.00	173,508.00
SOUTHEASTERN	35,980	34,170	129	115	4,623,600	3,918.530	1.98	1.74	9,138,345.00	6,806,648.00
PENNSYLVANIA	202,000	198,000	123	112	24,846,000	22,176,000	$1.94	$1.70	$48,201,000.00	$37,699,000.00
UNITED STATES	3,092,000	3,163,000	105	113	323,465,000	357,800,000	$1.87	$1.42	$604,072,000.00	$506,721,000.00

TABLE 68—White Potatoes: Estimated Acreage, Production, Quality[1] and Value, Pennsylvania, 1866-1927

Year	Acres	Production		Quality[1]	Farm value Dec. 1		Value per acre
		Per acre	Total		Per bu.	Total	
		Bus.	Bushels	P. ct.			
1866	157,471	99	15,636,859	----------	$0.53	$8,264,265	$52.63
1867	157,620	74	11,727,000	----------	.74	8,736,447	55.06
1868	134,681	88	11,852,000	----------	.69	8,201,161	60.72
1869	150,980	102	15,400,000	----------	.48	7,321,712	48.96
1870	127,402	87	11.084,000	----------	.70	7,760,790	60.90
1871	104.901	112	11,749,000	----------	.49	5,811,106	54.88
1872	112,737	99	11,161,000	----------	.56	6,228,016	55.44
1873	110,437	96	10,602,000	----------	.60	6,345,580	57.60
1874	109,797	84	9,223,000	----------	.71	6,570,036	59.64
1875	127,604	96	12,250,000	----------	.37	4,485,615	35.52
1876	136,000	50	6,800,000	----------	.78	5,297,892	39.00
1877	150,000	90	13,500,000	----------	.42	5,646,887	37.80
1878	154,500	58	8,961,000	----------	.70	6,260,180	40.60
1879	168,400	104	17,513,600	----------	.37	6,480,032	38.48
1880	170,080	79	13,436,320	----------	.48	6,449,434	37.92
1881	183,575	48	8,811,600	----------	.97	8,547,252	46.56
1882	196,425	81	15,860,880	----------	.57	9,040,702	46.17
1883	202,318	80	16,185,440	----------	.45	7,283,448	36.00
1884	192,202	85	16,337,000	----------	.39	6,371,430	33.15
1885	190,280	72	13,700,000	----------	.47	6,439,075	33.84
1886	192,183	76	14,606,000	----------	.46	6,718,760	34.96
1887	194,105	55	10,676,000	----------	.70	7,473,200	38.50
1888	203,810	80	16,305,000	----------	.40	6,521,920	32.00
1889	195,198	60	11,711,880	----------	.46	5,387,465	27.60
1890	195,198	68	13,273,464	----------	.77	10,220,567	52.36
1891	201,054	84	16,888,536	----------	.43	7,262,070	36.12
1892	195,022	60	11,701,320	----------	.72	8,424,950	43.20
1893	198,922	76	15,118,072	----------	.60	9,070,843	45.60
1894	206,879	64	13,240,256	----------	.57	7,546,946	36.48
1895	208,948	111	23,193,228	----------	.28	6,494,104	31.08
1896	194,322	109	21,181,098	----------	.27	5,718,896	29.43
1897	169,060	63	10,650,780	----------	.66	7,029,515	41.58
1898	172,441	54	9,311,814	----------	.58	5,400,852	31.32
1899	179,339	85	15,243,815	----------	.43	6,554,840	36.55
1900	188,306	58	10,921,748	----------	.53	5,788,526	30.74
1901	237,134	62	14,702,308	----------	.76	11,173,754	47.12
1902	246,619	83	20,469,377	----------	.57	11,667,545	47.31
1903	244,153	91	22,217,923	----------	.62	13,775,112	56.42
1904	256,361	106	27,174,266	----------	.54	14,674,104	57.24
1905	253,797	90	22,841,730	----------	.65	14,847,124	58.50
1906	253,797	94	23,856,918	----------	.57	13,598,443	53.58
1907	261,000	88	22,968,000	----------	.67	15,389,000	58.96
1908	277,000	72	19,944,000	----------	.80	15,955,000	57.60
1909	262,000	83	21,741,000	85	.65	14,132,000	53.95
1910	275,000	88	24,200,000	87	.52	12,584,000	45.76
1911	270,000	56	15,120,000	75	.93	14,062,000	52.08
1912	265,000	109	28,885,000	88	.57	16,464,000	62.13
1913	265,000	88	23,320,000	90	.80	18,656,000	70.40
1914	268,000	105	28,140,000	92	.58	16,321,000	60.90
1915	280,000	72	20,160,000	82	.75	15,120,000	54.00
1916	272,000	70	19,040,000	85	1.48	28,179,000	103.60
1917	321,000	92	29,532,000	93	1.35	39.868,000	124.20
1918	275,000	80	22,000,000	87	1.51	33,220,000	120.80
1919	234,000	100	23,400,000	90	1.54	36,036,000	154.00
1920	246,000	115	28,290,000	85	1.24	35,080,000	142.60
1921	251,000	86	28,586,000	85	1.33	28,709,000	114.38
1922	254,000	108	27,432,000	87	.75	20,574,000	81.00
1923	249,000	105	26,145,000	89	1.05	27,452,000	110.25
1924	210,000	118	24,780,000	90	.80	19,824,000	94.40
1925	202,000	123	24,846,000	91	1.94	48,201,000	238.62
1926	198,000	112	22,176,000	82	1.70	37,699,000	190.40
1927	220,000	120	26,400,000	83	1.20	31,680,000	144.00

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[1] High-medium grade represented by 100.

TABLE 69—Certifications of Seed Potatoes, Pennsylvania, 1921-1927

[Bureau of Plant Industry, Pennsylvania Department of Agriculture]

County	Growers requesting certification	Acres entered	Growers qualifying for certification	Acres passed	Number of bushels certified		
					Total	White rural	Russet rural
Total 1921	------	------	23	68	[1]24,875	------	22,375
1922	187	989	70	316	[1]67,825	4,315	63,450
1923	160	984	63	316	67,835	8,400	59,435
1924	123	652	77	266	62,185	15,385	46,800
1925	69	187	43	101	25,965	11,465	14,500
1926[2]	75	202	56	158	41,115	27,901	13,214
Bradford	8	41	8	41	9,450	5,300	4,150
Cambria	27	85	24	70	19,426	12,672	6,754
Erie	1	6	1	6	1,200	------	1,200
Somerset	36	65	20	36	9,920	9,229	700
Sullivan	3	5	3	5	1,110	700	410
1927[3]	72	204	39	120	29,870	21,095	8,775
Bradford	5	14	3	11	2,385	850	1,535
Cambria	30	104	20	69	17,832	13,367	4.465
Erie	1	9	1	9	1,400	------	1,400
Somerset	33	72	14	29	7,903	6,878	1,025
Sullivan	3	5	1	2	350	------	350

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[1] Includes a quantity of the Spaulding Rose variety.

[2] The 1926 summary of the certification work appears in Seed Potato Circular No. 53, December 15, 1926, of the Pennsylvania Bureau of Plant Industry.

[3] The 1927 summary, in Seed Potato Circular No. 65, December 15, 1927.

TABLE 70—Certification of Seed Potatoes, Principal States, 1921-1926

State	1921	1922	1923	1924	1925	1926
	Bushels	Bushels	Bushels	Bushels	Bushels	Bushels
Total	1,410,845	2,289,771	4,228,291	7,471,822	4,328,997	4,967,343
California	------	------	------	------	12,050	12,075
Colorado	------	------	------	22,037	28,560	31,300
Idaho	------	160,000	92,500	------	278,148	371,479
Maine	204,085	297,500	2,140,875	5,052,681	2,226,050	2,294,845
Maryland	9,450	6,310	7,000	------	8,205	18,390
Michigan	116,950	315,758	272,794	291,086	214,656	337,000
Minnesota	456,935	338,100	511,588	777,800	596,605	693,685
Nebraska	44,885	84,955	192,880	79,750	121,200	60,200
New Hampshire	4,000	4,378	15,183	30,328	12,287	2,695
New Jersey	57,000	40,250	23,100	81,850	57,911	92,916
New York	147,000	304,500	239,081	363,065	210,700	225,371
North Dakota	[1]	72,965	72,663	101,836	171,110	181,400
Ohio	7,635	10,810	11,025	11,230	4,230	5,600
Oregon	------	------	------	15,900	27,600	46,000
PENNSYLVANIA	24,875	67,825	67,835	62,185	25,965	41,115
South Dakota	------	------	------	------	23,600	28,441
Vermont	100,000	159,300	127,500	225,000	108,655	160,031
Washington	23,530	27,120	28,760	------	17,550	30,300
Wisconsin	214,500	300,000	387,875	357.074	163,025	196,500
Wyoming	------	100,000	70,000	------	21,000	138,000

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[1] No data available

TABLE 71—Potatoes: Amount Grown for Market, Merchantable Stocks on January 1, Farm Stocks on March 1 and Amount for Shipment, Pennsylvania, 1916-1926

Year of crop	Production	Grown for market[1]		Merchantable stocks, Jan. 1 following				Stocks on farms Mar. 1 following		Shipped out of county where grown[2]		Average price	
		Per cent of crop	Amount	Per cent of crop	Amount	Per cent held by Growers	Per cent held by Dealers	Per cent of crop	Amount	Per cent of crop	Amount	Nov. 15	Mar. 15
	Bushels		Bushels		Bushels				Bushels		Bushels	Per bu.	Per bu.
1915	20,160,000	----	------	22.0	4,435,000	83	17	----	------	----	------	$0.75	$1.12
1916	19,040,000	----	------	17.6	3,351,000	81	19	----	------	----	------	1.46	2.53
1917	29,532,000	51	15,061,000	23.1	6,822.000	86	14	----	------	----	------	1.40	1.12
1918	22,000,000	56	12,320,000	23.1	5,082,000	88	12	----	------	----	------	1.58	1.16
1919	23,400,000	60	14,040,000	16.5	3,861.000	80	20	----	------	----	------	1.50	2.48
1920	28,290,000	55	15,560,000	24.2	6,846,000	91	9	----	------	----	------	1.25	.68
1921	21,586,000	61	13,167,000	19.2	4,155,000	81	19	----	------	----	------	1.34	1.26
1922	27,432,000	58	15,911,000	23.1	6,340,000	80	20	29	7,955,000	30	8,230,000	.74	.78
1923	26,145,000	60	15,687,000	28.0	7,321,000	86	14	33	8,628,000	30	7,844,000	1.08	1.00
1924	24,780 000	64	15,859,000	29.4	7,295,000	----	----	34	8,425,000	33	8,177,000	.77	.76
1925	24,846,000	----	------	20.5	5,093,000	----	----	24	5,963,000	33	8,199,000	1.92	2.40
1926	22,176,000	----	------	21.9	4,862,000	----	----	30	6.653,000	32	7,096,000	1.55	1.35

[1] Estimates as of November 1.
[2] Estimates on March 1 of the amount already shipped and to be shipped out of county where grown.

TABLE 72—Potatoes: Utilization of Crop Indicated in Reports of Growers[1], Pennsylvania, 1924-1926

Year of Crop	Unfit for food or seed		Saved for food on farm where grown		Saved for seed locally where grown				Balance of crop mostly for sale	
	Per cent of crop	Amount	Per farm	Total	Seed planted per acre	Per cent of acreage planted with local seed	Area to be planted	Amount for seed	Per cent of crop	Amount
		Bushels	Bus.	Bushels	Bushels		Acres	Bushels		Bushels
1924	8	1,982,000	30	5,250,000	12.8	76	202,000	2,162,000	62.1	15,386,000
1925	10	2,485,000	30	5,250,000	13.0	74	198,000	2,095,000	60.4	15,016,000
1926	12	2,661,000	28	4,900,000	13.0	75	226,000	2,424,000	55.0	12,191,000

[1] See explanation on opposite page.

UTILIZATION OF POTATO CROPS

The quantity of potatoes shown in Table 72 as being unfit for food or seed and the quality saved for these purposes are based on reports from farmers on November 1 and January 1. They indicate at the time the probable utilization of the crop. Any material change in price of potatoes or in market demand may alter the intended disposal. The percentage of potatoes which are considered too small in size to be fit for sale is particularly subject to changes in market demand and the quantity considered fit for sale may be reduced by shrinkage and spoilage.

Damaged potatoes left in the field are not included in the estimates. In addition to potatoes under size, irregular in shape or inferior in quality, the unfit-for-food-or-seed estimates include those potatoes fed to livestock.

The quantity saved for food is derived by multiplying the number of farms growing potatoes by the average number of bushels saved per farm. The 1920 Census reported 177,541 farms growing potatoes; in this study the number was assumed to be 175,000.

To obtain the amount saved for seed, the acreage to be planted is multiplied by the number of bushels planted to the acre and this product is then multiplied by the percentage of the acreage reported as usually planted with locally grown seed. To this result is added 10 per cent to allow for shrinkage and loss between harvest and planting time.

Calculations of the amount of seed saved for the 1925 and the 1926 plantings have been revised on the basis of the estimated harvested acreage in those years. The 1927 calculation is based on the intended acreage as reported by farmers on March 1.

TABLE 73—White Potatoes: Percentage of Crop Grading U. S. No. 1 and Causes of Lower Grading, Pennsylvania and 19 Surplus Late Potato States[1], 1922-1926

Crop year	Percentage of crop grading U. S. No. 1[2]		Percentage grading below U. S. No. 1 for causes specified[3]					
			Small size		Diseases[4]		Other[5]	
	Pennsylvania	19 States	Pennsylvania	19 States	Pennsylvania	19 States	Pennsylvania	19 States
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.
1922	70.0	60.0	----	----	----	----	----	----
1923	62.0	64.0	----	----	----	----	----	----
1924	68.0	68.0	----	----	----	----	----	----
1925	76.0	70.8	12.0	15.5	6.0	6.2	6.0	7.5
1926	69.0	72.1	11.0	11.7	12.0	7.3	8.0	8.9

[1] Pennsylvania and eighteen other northern states, usually having a surplus of late potatoes for shipment: Maine, Vermont, New York, Michigan, Wisconsin, Minnesota, North Dakota, South Dakota, Nebraska, Montana, Wyoming, Colorado, Utah, Nevada, Idaho, Washington, Oregon, California.

[2] As reported November 1 by dealers.

[3] Reported by shippers.

[4] Late blight and other diseases affecting keeping quality.

[5] Cuts, scab, sunburn, second growth, etc.

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TABLE 74—Sweet Potatoes: Estimated Acreage, Production, Quality[1] and Value, Pennsylvania, 1868-1927

Year	Acres	Production		Quality [1]	Farm value Dec. 1		Value per acre
		Per acre	Total		Per bu.	Total	
		Bushels	Bushels	P. ct.			
1868	----------	90	----------	----------	$1.66	----------	$149.40
1869	----------	80	----------	----------	1.22	----------	97.60
1870	----------	105	----------	----------	1.15	----------	120.75
1871	----------	100	----------	----------	.88	----------	88.00
1872	----------	70	----------	----------	.95	----------	66.50
1873	----------	82	----------	----------	1.48	----------	121.36
1874	----------	80	----------	----------	1.06	----------	84.80
1875	----------	85	----------	----------	.92	----------	78.20
1876	----------	----------	----------	----------	----------	----------	----------
1877	----------	----------	----------	----------	----------	----------	----------
1878	----------	----------	----------	----------	----------	----------	----------
1879	----------	----------	----------	----------	----------	----------	----------
1880	----------	92	----------	----------	----------	----------	----------
1881	----------	----------	----------	----------	----------	----------	----------
1882	----------	90	----------	----------	.90	----------	81.00
1883	----------	91	----------	----------	.75	----------	68.25
1884	----------	87	----------	----------	----------	----------	----------
1885	----------	81	----------	----------	.90	----------	72.90
1886	----------	105	----------	----------	.72	----------	75.60
1887	----------	80	----------	----------	.84	----------	67.20
1888	----------	78	----------	----------	----------	----------	----------
1889	----------	90	----------	----------	.79	----------	71.10
1890	----------	79	----------	----------	.85	----------	67.15
1891	----------	100	----------	----------	.89	----------	89.00
1892	----------	90	----------	----------	----------	----------	----------
1893	----------	79	----------	----------	----------	----------	----------
1894	----------	87	----------	----------	.76	----------	66.12
1895	----------	----------	----------	----------	----------	----------	----------
1896	----------	110	----------	----------	.52	----------	57.20
1897	----------	----------	----------	----------	.74	----------	----------
1898	----------	95	----------	----------	----------	----------	----------
1899	3,000	68	235,000	----------	.60	141,000	40.80
1900	3,000	66	198,000	92	.65	129,000	42.90
1901	2,000	84	168,000	98	.80	134,000	67.20
1902	2,000	75	150,000	92	.80	120,000	60.00
1903	2,000	72	144,000	81	.73	105,000	52.56
1904	2,000	100	200,000	89	.78	156,000	78.00
1905	2,000	100	200,000	97	.66	132,000	66.00
1906	2,000	105	210,000	93	.75	158,000	78.75
1907	1,000	100	100,000	84	.90	90,000	90.00
1908	1,000	102	102,000	91	.93	95,000	94.86
1909	1,000	99	129,000	88	.89	115,000	88.11
1910	1,000	105	105,000	92	.75	79,000	78.75
1911	1,000	121	121,000	91	1.05	127,000	127.05
1912	1,000	120	120,000	93	.75	90,000	90.00
1913	1,000	110	110,000	91	.90	99,000	99.00
1914	1,000	105	105,000	93	.86	90,000	90.30
1915	1,000	105	105,000	91	.75	79,000	78.75
1916	1,000	100	100,000	90	1.35	135,000	135.00
1917	1,000	110	110,000	86	1.40	154,000	154.00
1918	1,000	120	120,000	95	1.85	222,000	222.00
1919	2,000	140	280,000	97	1.80	504,000	252.00
1920	2,000	138	276,000	93	1.55	428,000	213.90
1921	2,000	124	248,000	94	1.80	446,000	223.20
1922	2,000	140	280,000	93	1.11	311,000	155.40
1923	2,000	130	260,000	92	1.40	364,000	182.00
1924	1,000	117	117,000	91	1.50	176,000	175.50
1925	1,000	115	115,000	90	2.10	242,000	241.50
1926	1,000	110	110,000	87	1.30	143,000	143.00
1927[2]	----------	130	----------	90	1.85	----------	240.50

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[1] High-medium grade represented by 100.

[2] Acreage insignificant; estimates discontinued in 1927.

TYPES OF TOBACCO

Tobacco is usually produced in only twelve Pennsylvania counties of which Lancaster far exceeds the others in production with 90 per cent of the entire State crop.

Bradford, Clinton, Lycoming and Tioga counties and a small acreage—200 acres or less—in Lancaster County produce binder type cigar-leaf tobacco. The remaining seven counties and the bulk of the Lancaster tobacco acreage produce filler type.

The filler tobacco grown is that designated as U. S. Type 41, commonly known as Pennsylvania Seedleaf, Pennsylvania Broadleaf, Pennsylvania Filler Type, or Lancaster or York County Filler Type and is produced principally in Lancaster and adjoining counties. The binder tobacco is U. S. Type 53, commonly known as York State Tobacco, Havana Seed of New York and Pennsylvania, or the Binder Type of New York and Pennsylvania and is produced principally in the Big Flats section of New York, extending into Pennsylvania, and in the Onondaga section of New York State.

The estimated acreage in binder tobacco in 1925 and 1926 was 1,300 and 1,000 respectively, the acre yield 1,293 pounds both years and total production 1,600,000 and 1,290,000 pounds respectively; the acreage of filler tobacco 39,700 and 32,000, acre yield 1,406 and 1,321 pounds and total production 55,800,000 and 42,270,000 pounds.

TABLE 75—Cigar-Leaf Tobacco: Production in Principal States, 1900-1927

Year	Pennsylvania	New England	Wisconsin	Ohio	New York	Georgia & Florida
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1900	36,803	25,803	54,126	---	10,101	---
1901	28.071	26.434	52.441	---	10,020	---
1902	22.018	29,203	64,885	---	10,050	---
1903	22,496	28,164	69,946	---	8,955	---
1904	18,635	28,918	52,474	---	6,288	---
1905	20,994	31.314	53.833	---	7,061	---
1906	35,750	32,778	49,725	---	8,842	---
1907	40.320	28,911	38,610	---	8,165	---
1908	39,008	30,668	39,550	---	7,258	---
1909	30,732	29,150	31,500	54.587	7,050	4,992
1910	49,500	30,794	31,710	56,000	7,375	3,468
1911	65,320	36,865	51,250	55,800	5,054	3,524
1912	64,090	39,950	54.438	53.460	5,200	3,766
1913	46.680	38,295	50,740	37,449	4,386	5,800
1914	47.995	47,651	53.808	54,144	5,980	6,200
1915	42.390	38,270	36.900	54,270	5,280	5,045
1916	49.096	51,285	55.753	58,200	4,551	4,559
1917	58.100	46.200	44.500	61,692	3,125	5,010
1918	64,752	52.500	65.170	53.000	3,750	7,084
1919	54,120	54,400	60.960	40,000	3,483	5,890
1920	64,930	59,900	62,400	37,282	2.560	6,340
1921	61.320	58,774	61,448	28,814	2,500	5,040
1922	56,760	38,872	45,600	26,299	2,220	4,850
1923	58,950	52,942	48,092	25,530	2,250	5,960
1924	57,500	51,790	35,720	25,000	2.350	4,584
1925	57,400	50,709	44,000	39,118	2,200	3,514
1926	43,560	38,758	33,350	23,299	1,320	4,198
1927	44,880	37,569	31,620	15,947	960	5,313

TABLE 76—Tobacco: Estimated Acreage, Production and Value, Pennsylvania, 1925 and 1926

County and district	Acreage		Yield per acre		Total production		Average price		Total value of crop	
	1925	1926	1925	1926	1925	1926	1925	1926	1925	1926
			Lbs.	Lbs.	Pounds	Pounds	Per lb.	Per lb.		
Bradford	230	160	1,260	1,335	289,800	213,600	$0.21	$0.21	$60,858.00	$44,856.00
Clinton	330	200	1,220	1,250	402,600	250,000	.19	.19	76,494.00	47,500.00
Lycoming	130	110	1,200	1,275	156,000	140,250	.19	.19	29,640.00	26,648.00
Tioga	420	360	1,255	1,315	527,100	473,400	.22	.22	115,962.00	104,148.00
NORTH CENTRAL	1,110	830	1,239	1,298	1,375.500	1,077,250	.21	.21	282,954.00	223,152.00
Dauphin	160	130	1,200	1,230	192,000	159,900	.11	.11	21,120.00	17,589.00
Juniata	40	30	1,350	1,400	54,000	42,000	.14	.14	7,560.00	5,880.00
Snyder	10	10	1,130	1,200	11,300	12,050	.15	.15	1,695.00	1,807.00
CENTRAL	210	170	1,225	1,259	257,300	213,950	.12	.12	30,375.00	25,276.00
York	1,260	850	1,320	1,300	1,663,200	1,105,000	.11	.11	182 952.00	121,550.00
SOUTH CENTRAL	1,260	850	1,320	1,300	1,663,200	1,105,000	.11	.11	182,952.00	121,550.00
Berks	140	150	1,390	1,375	194,600	206,250	.13	.13	25,298.00	26,812.00
Chester	930	610	1,500	1,375	1,395,000	838,750	.13	.13	181,350.00	109,038.00
Lancaster	36,900	29,990	1,407	1,320	51,951,900	39,586,800	.10	.10	5,199,571.00	4,004,332.00
Lebanon	450	400	1,250	1,330	562,500	532,000	.12	.12	67,500.00	63,840.00
SOUTHEASTERN	38,420	31,150	1,408	1,321	54,104,000	41,163,800	.10	.10	5,473,719.00	4,204,022.00
PENNSYLVANIA	41,000	33,000	1,400	1,320	57,400,000	43,560,000	$0.10	$0.11	$5,970,000.00	$4,574,000.00
UNITED STATES	1,757,300	1,664,700	783	795	1,376,628,000	1,323,388,000	$0.17	$0.19	$234,253,000.00	$245,113,000.00

TABLE 77—Tobacco: Estimated Acreage, Production Quality[1] and Value, Pennsylvania, 1866-1927

Year	Acres	Production		Quality[1]	Farm value Dec. 1		Value per acre
		Per acre	Total		Per lb.	Total	
		Lbs.	Pounds	P. ct.			
1866	6,201	800	4,960,886	----	$.118	$586,474	$94.40
1867	6,499	725	4,712,000	----	.064	303,782	46.40
1868	5,596	825	4,617,000	----	.060	274,821	49.50
1869	------	------	------	----	------	------	------
1870	2,745	1,200	3,294,000	----	.189	620,952	226.80
1871	2,826	1,200	3,392,000	----	.137	463,655	164.40
1872	11,346	1,300	14,750,000	----	.129	1,907,440	167.70
1873	12,640	1,186	15,000,000	----	.113	1,698.895	134.02
1874	9,130	1,150	10,500,000	----	.135	1,420,198	155.25
1875	11,428	1,400	16,000,000	----	.087	1,394,943	121.80
1876	9,565	1,380	13,200,000	----	.082	1.088,909	113.16
1877	------	------	------	----	------	------	------
1878	19.000	1,200	22,800,000	----	.100	2,275,449	120.00
1879	20,300	1,459	29,617,700	----	.090	2,665,593	131.31
1880	29,739	1,172	34,854,108	----	.100	3,485,411	117.20
1881	33,080	1,178	38,805,661	----	.130	5,044,735	153.14
1882	29,772	1,043	31,044,529	----	.120	3,725,343	125.16
1883	28,879	1,258	36,322,099	----	.120	4,358,652	150.96
1884	25,991	1,314	34,143,000	----	.105	3,585,015	137.97
1885	23,392	1,000	23,392,000	----	.105	2,456,160	105.00
1886	28,695	1,218	34,951,000	----	.118	4,124,218	143.72
1887	28,121	1,430	40,213,000	----	.150	6,031,955	214.50
1888	19,500	1,240	24,180,000	----	.110	2,587,260	136.40
1889	26,955	1,074	28,956,247	----	.117	3,387,881	125.66
1890	26,955	1,226	33,046,830	----	.135	4,461,322	165.51
1891	28,572	1,240	35,429,280	----	.145	5,137,246	179.80
1892	27,715	1,250	34,643,750	----	.130	4,503,688	162.50
1893	27,715	1,000	27,715,000	----	.135	3,741,525	135.00
1894	21,341	1,229	26,228,089	----	.090	2,360,528	110.61
1895	15,600	917	14,305,000	----	.074	1,058,570	67.86
1896	13,884	1,170	16,244,280	----	.080	1,299,542	93.60
1897	14,578	1,230	17,930,940	----	------	------	------
1898	13,849	975	13,502,775	----	------	------	------
1899	27,760	1,495	41,502,620	----	.082	3,403,215	122.59
1900	24,147	1,524	36,802,670	83	.060	2,259,897	91.44
1901	18,771	1,495	28,070,700	92	.060	1,712,642	89.70
1902	17,269	1,275	22,017,975	97	.060	1,321,078	76.50
1903	15,887	1,416	22,495,992	91	.073	1,642,207	103.37
1904	14,457	1,289	18,635,073	87	.089	1,658,521	114.72
1905	15,324	1,370	20,993,880	97	.108	2,267,339	147.96
1906	26,000	1,375	35,750,000	95	.137	4,897,750	188.38
1907	32,000	1,260	40,320,000	89	.075	3,024,000	94.50
1908	29,440	1,325	39,008,000	93	.105	4,095,840	139.13
1909	41,700	1,106	46,165,000	85	.090	4,155,000	99.54
1910	43,000	1,500	54,500,000	95	.093	5,998,000	139.50
1911	46,000	1,420	65,320,000	92	.095	6,205,000	134.90
1912	44,200	1,450	64,090,000	91	.085	5.448,000	123.25
1913	38,900	1,200	46,680,000	91	.075	3,501,000	90.00
1914	33,100	1,450	47,995,000	96	.085	4,080,000	123.25
1915	31,400	1,350	42,390,000	90	.092	3,900,000	124.20
1916	36,100	1,360	49,096,000	92	.142	6,972,000	193.12
1917	41,500	1,400	58,100,000	86	.210	12,201,000	294.00
1918	45,600	1,420	64,752,000	93	.140	9,065,000	198.80
1919	43,000	1,320	56,760,000	89	.170	9,649,000	224.40
1920	43,000	1,510	64,930,000	98	.200	12,986,000	302.00
1921	42,000	1,460	61,320,000	94	.144	8,830,000	210.24
1922	43,000	1,320	56,760,000	86	.160	9,082,000	211.20
1923	45,000	1,310	58,950,000	88	.181	10,670,000	237.11
1924	46,000	1,250	57,500,000	88	.124	7,130,000	155.00
1925	41,000	1,400	57,400,000	91	.104	5,970,000	145.60
1926	33,000	1,320	43,560,000	82	.105	4,574,000	138.60
1927	33,000	1,360	44,880,000	91	.130	5,834,000	176.79

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[1] High-medium grade represented by 100.

TABLE 78—Cigar-Leaf Tobacco: Quarterly Stocks Held by Manufacturers and Dealers,[1] Principal States, 1912-1927

[U. S. Bureau of the Census]

Quarterly period	Pennsylvania	Ohio	Connecticut Valley	Wisconsin	Total cigar-leaf
	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
1912 Oct. 1	118,782	89,575	43,777	71,157	339,150
1913 Apr. 1	141,015	90,327	51,980	93,764	393,556
Oct. 1	127,345	84,081	44,164	72,988	346,048
1914 Apr. 1	125,606	82,436	55.977	85,741	367,213
Oct. 1	113,013	68,521	50,202	71,334	322,729
1915 Apr. 1	127,239	91,029	60,696	88,662	386,859
Oct. 1	105,460	74,329	57,771	78,891	335,368
1916 Apr. 1	109,392	74,191	67,732	86,796	356,008
Oct. 1	79,294	59,913	54,529	59,783	270,275
1917 Jan. 1	69,536	50,304	50,603	46,473	231,738
Apr. 1	90,751	84,505	61,598	62,592	312,470
Jul. 1	87,922	74,924	64,632	66,877	304,503
Oct. 1	76,503	64,379	54,041	53,051	262,272
1918 Jan. 1	62,970	52,590	51,723	40,714	223,433
Apr. 1	99,766	71,822	66,872	64,947	319,993
Jul. 1	96,753	75,658	63,719	65,207	315,915
Oct. 1	85,127	66,713	54,600	50,784	274,638
1919 Jan. 1	75,764	61,023	52,972	44,411	254,309
Apr. 1	94,496	56,282	61,815	72,145	303,566
Jul. 1	99,954	62,094	65,909	79,407	323,531
Oct. 1	91,696	69,305	53,631	68,713	302,972
1920 Jan. 1	80,439	71,550	56,533	54,758	283,304
Apr. 1	105,736	64,602	69,087	71,221	328,725
Jul. 1	98,671	79.350	72,605	84,292	350,693
Oct. 1	87,750	79,763	61,008	85,344	331,849
1921 Jan. 1	69,445	70,173	60,370	77,181	297,472
Apr. 1	93,919	78,771	72,141	102,404	367,854
Jul. 1	93,622	76,225	68,141	103,535	359,095
Oct. 1	83,072	78,303	63,678	93,475	338,202
1922 Jan. 1	69,854	71,414	66,618	82,767	313,316
Apr. 1	96,827	75,579	75,705	103,690	401,633
Jul. 1	101,276	79,182	80,274	132,009	413,540
Oct. 1	90,258	73,974	74,094	120,653	382,586
1923 Jan. 1	81,375	64,026	75,822	102,653	346,604
Apr. 1	119,621	85,024	90,911	125,742	441,590
Jul. 1	110,387	81,719	89,952	126,919	425,000
Oct. 1	99,080	74,119	82,685	117,166	393,489
1924 Jan. 1	87,395	62,531	84,796	99,798	358,256
Apr. 1	127,273	60,244	104,901	105,828	420,936
Jul. 1	120,441	80,193	106,956	116,353	442,696
Oct. 1	109,726	73,731	94,322	110,005	407,066
1925 Jan. 1	97,444	65,612	89,419	97,749	371,043
Apr. 1	118,585	63,296	113,155	107,438	422,966
Jul. 1	122,487	61,024	112,453	110,344	423,975
Oct. 1	113,400	56.381	103,987	98,223	389,913
1926 Jan. 1	97,585	51,650	103,230	83,895	356,119
Apr. 1	117,839	67,024	114,151	114,828	433,479
Jul. 1	118,905	75,003	108,992	105,421	424,460
Oct. 1	105,261	71,694	98,661	93,203	389,178
1927 Jan. 1	89,708	62,490	92,461	82,781	353,973
Apr. 1	113,551	72,037	103,654	107,151	421,699
Jul. 1	95,539	64,386	97,001	96,658	372,758
Oct. 1	84,067	56,774	86,609	83,055	335,198

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[1] The quantity of leaf tobacco reported as held (1) by manufacturers who manufactured during the preceding calendar year more than 50,000 pounds of tobacco, 250,000 cigars, or 1,000,000 cigarettes; (2) by all registered dealers in leaf tobacco; and (3) all imported leaf tobacco in United States bonded warehouses and bonded manufacturing warehouses.

TABLE 79—Production of Cigars, Cigarettes and Smoking Tobacco, United States, 1897-1926

[Commissioner of Internal Revenue, U. S. Treasury Department]

Year	Large cigars	Small cigars	Cigarettes	Smoking tobacco
	Millions	Millions	Millions	Million pounds
1897	4,136	295	4,632	85
1898	4,459	457	4,384	89
1899	4,910	622	3,742	102
1900	5,566	611	3,254	102
1901	6,139	775	2,723	112
1902	6,232	676	2,961	131
1903	6,806	592	3,360	134
1904	6,640	736	3,427	149
1905	6,748	804	3,667	165
1906	7,148	990	4,501	176
1907	7,320	1,074	5,256	179
1908	6,489	1,073	5,743	193
1909	6,668	1,043	6,819	202
1910	6,810	1,118	8,644	214
1911	7,049	1,214	10,469	209
1912	7,044	1,055	13,167	217
1913	7,572	959	15,556	221
1914	7,174	1,075	16,856	227
1915	6,599	965	17,964	235
1916	7,042	890	26,290	240
1917	7,560	967	35,331	244
1918	7,054	847	46,657	258
1919	7,072	713	53,120	229
1920	8,097	633	47,430	219
1921	6,726	670	52,085	223
1922	6,722	633	55,763	243
1923	6,950	505	66,716	235
1924	6,598	531	72,709	247
1925	6,463	447	82,247	248
1926[1]	6,561	419	92,323	([2])

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[1] Preliminary figures.
[2] Separate figures not available.

TABLE 80—Cigars Withdrawn for Consumption,[1] United States, Fiscal Years Ended June 30, 1918-1927

[Commissioner of Internal Revenue, U. S. Treasury Department]

Year	Total	Class A[2]	Class B[2]	Class C[2]	Class D[2]	Class E[2]
1917-'18	7,784,300,180	3,177,044,080	3,383,530,850	1,194,267,843	12,903,957	16,553,450
1918-'19	7,110,877,600	1,369,576,905	3,675,935,195	2,025,514,847	20,905,797	24,944,856
1919-'20	8,304,618,762	2,322,092,275	2,760,450,792	3,081,077,398	88,774,223	52,224,074
1920-'21	7,148,863,238	1,773,588,083	2,131,201,227	3,033,119,216	165,135,953	45,818,759
1921-'22	6,621,173,340	2,285,329,690	1,660,759,380	2,525,740,254	116,813,008	32,530,808
1922-'23	7,128,020,859	2,692,264,025	1,644,900,913	2,637,229,049	119,477,245	34,149,627
1923-'24	6,794,147,794	2,564,008,130	1,487,417,728	2,581,207,993	128,122,632	33,391,311
1924-'25	6,530,914,967	2,628,629,930	1,243,350,103	2,487,300,872	135,379,836	36,254,226
1925-'26	6,526,235,352	2,749,953,860	1,043,464,582	2,550,150,896	147,701,385	34,964,629
1926-'27	6,576,710,857	3,047,960,870	844,842,833	2,500,378,170	150,381,470	33,147,514

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[1] Based on sale of stamps. Figures include imported cigars.
[2] Class A cigars are those which retail for not more than 5 cents; Class B, more than 5 but not more than 8 cents; Class C, more than 8 but not more than 15; Class D, more than 15 but not more than 25; and Class E, 25 cents or more.

TABLE 81—Hay: Acreage, Yield and Production, by Kinds, Pennsylvania, 1919-1927

Year	CLOVER HAY[1]			TIMOTHY HAY[1]		
	Acreage	Acre yield	Production	Acreage	Acre yield	Production
		Tons	Tons		Tons	Tons
1919	317,000	1.35	428,000	972,000	1.40	1,361,000
1920	308,000	1.48	456,000	972,000	1.40	1,361,000
1921	311,000	1.15	358,000	972,000	1.20	1,166,000
1922	300,000	1.54	462,000	925,000	1.50	1,388,000
1923	294,000	1.05	309,000	935,000	1.00	935,000
1924	315,000	1.62	510,000	971,000	1.55	1,505,000
1925	325,000	1.58	514,000	932,000	1.28	1,193,000
1926	254,000	1.23	312,000	1,032,000	1.26	1,300,000
1927	262,000	1.62	424,000	1,085,000	1.60	1,736,000
	MIXED CLOVER AND TIMOTHY			ALFALFA HAY		
1919	1,458,000	1.35	1,968,000	31,000	2.60	81,000
1920	1,534,000	1.40	2,148,000	30,000	2.45	74,000
1921	1,596,000	1.18	1,883,000	32,000	2.55	82,000
1922	1,568,000	1.60	2,509,000	35,000	2.70	94,000
1923	1,560,000	1.04	1,622,000	36,000	2.35	85,000
1924	1,594,000	1.65	2,630,000	77,000	2.30	177,000
1925	1,563,000	1.39	2,173,000	73,000	2.40	175,000
1926	1,406,000	1.30	1,828,000	85,000	2.43	207,000
1927	1,496,000	1.67	2,498,000	83,000	2.50	208,000
	GRAINS CUT GREEN FOR HAY			ANNUAL LEGUME HAY[2]		
1919	13,000	1.50	20,000	4,000	1.80	7,000
1920	11,000	1.60	18,000	4,000	1.80	7,000
1921	20,000	1.40	28,000	4,000	1.80	7,000
1922	16,000	1.60	26,000	4,000	1.90	8,000
1923	18,000	1.50	27,000	4,000	1.50	6,000
1924	10,000	1.80	18,000	7,000	1.75	12,000
1925	9,000	1.80	16,000	6,000	1.80	11,000
1926	12,000	1.85	22,000	9,000	1.65	15,000
1927	8,000	1.75	14,000	9,000	2.00	18,000
	ALL OTHER TAME HAY[3]			ALL TAME HAY		
1919	86,000	1.33	114,000	2,881,000	1.35	3,889,000
1920	80,000	1.22	98,000	2,939,000	1.40	4,115,000
1921	90,000	1.21	109,000	3,025,000	1.20	3,630,000
1922	72,000	1.42	102,000	2,920,000	1.57	4,584,000
1923	72,000	1.14	82,000	2,919,000	1.05	3,066,000
1924	126,000	1.15	145,000	3,100,000	1.61	4,997,000
1925	130,000	1.10	143,000	3,038,000	1.39	4,225,000
1926	118,000	1.15	136,000	2,916,000	1.31	3,820,000
1927	132,000	1.25	165,000	3,075,000	1.65	5,063,000

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[1] Not "clover grown alone" nor "timothy grown alone" but of such freedom from mixture as to be called "clover hay" or "timothy hay" and sold as such locally.

[2] Includes such hay crops as cowpeas and soy beans, principally the latter.

[3] Includes millet, Sudan, red top, Bermuda and orchard grass and mixed hay from old meadows.

HAY STOCKS PER ANIMAL UNIT

Stocks of hay on the farms of crop reporters on January 1 averaged 1.17 tons per animal unit in 1924, 1.58 in 1925 and 1.48 in 1926. For the calculation of animal units in this instance, horses, mules, colts, cows, and heifers, steers and bulls two years old and over, were each taken as one, steers one to two years old as 0.85, heifers one to two years old as 0.70, calves as 0.40, sheep and lambs as 0.12. Swine were not included. A different method of calculating animal units, which includes swine and poultry, is shown on page 109.

On January 1, 1920 for every ten persons in Pennsylvania there were three animal units.

In 1919, 77 per cent of Pennsylvania's harvested crop acreage (not including pasturage) was devoted to the feeding of farm animals.

TABLE 82—Tame Hay: Leading Counties in Production, Pennsylvania, 1926

Counties	Production	Acreage	Yield per acre	Total value
	Tons		Tons	
TOTAL TEN COUNTIES	1,367,600	951,600	1.45	$22,991,533
% of State total	36.0	32.6		32.7
Lancaster	174,680	106,510	1.64	$3,074,369
Crawford	159,620	113,200	1.41	1,963,327
Susquehanna	148,530	88,410	1.68	2,287,363
Chester	140,840	86,940	1.62	2,774,549
Bradford	127,830	118,360	1.08	2,006,932
York	127,450	86,700	1.47	2,485,276
Tioga	125,700	105,630	1.19	1,722,091
Erie	123,260	78,510	1.57	1,774,945
Berks	123,240	81,080	1.52	2,538,745
Washington	116,450	86,260	1.35	2,363,936

TABLE 83—All Hay: Farm Stocks on May 1 and March 1, Amount Fed and Amount Shipped from Counties, Pennsylvania, 1909-1926

Year of crop	Old stocks May 1 Per cent[3]	Old stocks May 1 Amount	Production	Total supplies[1]
		Tons	Tons	Tons
1909	16	748,000	3,253,000	4,001,000
1910	9	293,000	4,271,000	4,564,000
1911	12	513,000	3,033,000	3,546,000
1912	8	243,000	4,553,000	4,796,000
1913	18	820,000	4,162,000	4,982,000
1914	16	666,000	4,036,000	4,702,000
1915	14	565,000	4,354,000	4,919,000
1916	12	522,000	5,231,000	5,753,000
1917	18	942,000	4,378,000	5,320,000
1918	12	525,000	4,194,000	4,719,000
1919	11	461,000	3,915,000	4,376,000
1920	12	470,000	4,142,000	4,612,000
1921	15	621,000	3,658,000	4,279,000
1922	13	476,000	4,612,000	5,088,000
1923	14	646,000	3,095,000	3,741,000
1924	8	248,000	5,024,000	5,272,000
1925	18	904,000	4,250,000	5,154,000
1926	13	553,000	3,845,000	4,398,000
1927	12	461,000	5,085,000	5,546,000

Year of crop	Fed to livestock on farm[2] Per cent of crop	Fed to livestock on farm[2] Amount
		Tons
1909	79	2,570,000
1910	82	3,502,000
1911	77	2,335,000
1912	77	3,506,000
1913	69	2,872,000
1914	71	2,866,000
1915	75	3,266,000
1916	72	3,766,000
	Shipped out of county where grown[4]	
1922	18	830,000
1923	12	371,000
1924	17	854,000
	Stocks on farms March 1 following	
1922	40	1,845,000
1923	32	990,000
1924	40	2,010,000

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[1] Old stocks on May 1 added to crop production of the respective years.

[2] Estimates on May 1 of amounts already fed and to be fed to stock owned on the farm producing it.

[3] Crop of preceding year.

[4] Estimate on March 1 following the year of production, of the amount of the crop already shipped and to be shipped out of county where grown.

TABLE 84—Tame Hay[1]: Estimated Acreage, Production and Value, Pennsylvania, 1925 and 1926

County and district	Acreage		Yield per acre		Total production		Average price		Total value of crop	
	1925	1926	1925	1926	1925	1926	1925	1926	1925	1926
			Tons	Tons	Tons	Tons	Per ton	Per ton		
Crawford	116,340	113,200	1.25	1.41	145,430	159,620	$11.30	$12.30	$1,643,358.00	$1,963,327.00
Erie	78,650	78,510	1.33	1.57	104,610	123,260	12.90	14.40	1,349,468.00	1,774,945.00
Forest	6,420	6,100	1.30	1.03	8,350	6,280	15.20	17.50	126,920.00	109,900.00
Mercer	78,890	75,690	1.32	1.35	104,130	102,180	13.40	13.50	1,395,341.00	1,379,431.00
Venango	38,700	36,600	1.32	1.32	51,080	48,310	12.80	13.40	653,823.00	647,355.00
Warren	45,410	44,440	1.32	1.47	59,940	65,330	14.30	13.10	857,141.00	855,824.00
NORTHWESTERN	364,390	354,540	1.30	1.42	473,540	504,890	12.73	13.33	6,026,051.00	6,730,782.00
Bradford	127,880	118,360	1.50	1.08	191,820	127,830	14.70	15.70	2,819,753.00	2,006,932.00
Cameron	2,040	2,020	1.42	1.16	2,900	2,340	19.60	18.00	56,840.00	42,120.00
Clinton	13,540	13,860	1.25	1.24	16,920	17,190	17.50	19.10	296,099.00	328,329.00
Elk	14.630	14,770	1.29	1.43	18,870	21,120	20.60	21.50	388,721.00	454,080.00
Lycoming	45,230	43,830	1.37	1.41	61,960	61,800	17.00	17.50	1,053,319.00	1,081,501.00
McKean	27,780	26,920	1.37	1.34	38,060	36,070	17.90	17.80	681,273.00	642,047.00
Potter	42,270	40,020	1.15	1.13	48,610	45,220	12.80	16.10	622,207.00	728,043.00
Sullivan	15,360	13,920	1.38	1.41	21,200	19,630	18.00	16.70	381,599.00	327,821.00
Tioga	110,440	105,630	1.24	1.19	136,950	125,700	13.00	13.70	1,780,349.00	1,722,091.00
NORTH CENTRAL	399,170	379,330	1.35	1.20	537,290	456,900	15.04	16.05	8,080,160.00	7,332,964.00
Lackawanna	26,690	24,360	1.36	1.48	36,300	36,050	21.50	22.90	780,449.00	825,546.00
Susquehanna	90,060	88,410	1.37	1.68	123,380	148,530	13.10	15.40	1,616,277.00	2,287,363.00
Wayne	61,610	60,720	1.53	1.44	94,270	87,440	18.60	17.80	1,753,421.00	1,556,433.00
Wyoming	25,160	25,850	1.33	1.63	33,460	42,140	17.00	17.10	568,819.00	720,595.00
NORTHEASTERN	203,520	199,340	1.41	1.58	287,410	314,160	16.42	17.16	4,718,966.00	5,389,937.00
Armstrong	48,550	48,420	1.22	1.03	59,230	49,880	16.90	19.80	1,000,986.00	987,625.00
Beaver	35,990	35,330	1.29	1.13	46,430	39,920	19.00	19.90	882,169.00	794,409.00
Butler	62,960	58,090	1.29	1.42	81,220	82,490	16.40	17.30	1,332,007.00	1,427,078.00
Clarion	43,830	43,120	1.40	1.42	61,630	61,230	13.40	14.80	822,223.00	906,205.00
Indiana	57,630	52,330	1.23	1.19	70,890	62,270	17.70	20.00	1,254,752.00	1,245,401.00
Jefferson	44,730	44,300	1.22	1.34	54,570	59,360	16.60	16.50	905,861.00	979,441.00
Lawrence	40,530	39,080	1.31	1.36	53,090	53,150	13.20	15.80	700,787.00	839,771.00
WEST CENTRAL	334,220	320,670	1.28	1.27	426,790	408,200	16.16	17.59	6,898,785.00	7,179,930.00
Blair	22,190	21,270	1.32	1.03	29,290	21,910	17.80	20.70	521,361.00	453,537.00
Cambria	39,990	38,640	1.26	1.34	50,390	51,780	19.80	23.30	997,721.00	1,206,475.00
Centre	40,680	38,790	1.26	.93	51,260	36,070	15.50	19.80	794,529.00	714,187.00
Clearfield	42,440	41,780	1.49	1.38	63,240	57,660	19.60	24.20	1,239,503.00	1,395,373.00
Columbia	27,170	26,410	1.32	1.15	35,870	30,370	19.40	23.50	695,877.00	713,696.00
Dauphin	45,200	41,440	1.55	1.16	70,060	48,070	18.10	17.50	1,269,085.00	841,226.00
Huntingdon	28,390	26,750	1.26	1.08	35,770	28,890	19.80	16.60	708,245.00	479,574.00
Juniata	18,330	17,450	1.70	.98	31,160	17,100	17.30	21.90	539,067.00	374,490.00
Mifflin	18,050	17,410	1.75	1.03	31,590	17,930	16.70	26.40	527,552.00	473,352.00

Montour	13,390	12,870	1.65	.78	22,090	10,040	16.00	24.50	353,439.00	245,980.00
Northumberland	31,180	29,590	1.42	.78	44,280	23,080	18.70	21.50	828,035.00	496,220.00
Perry	28,890	27,130	1.42	.88	41,020	23,870	16.30	18.50	668,625.00	441,595.00
Snyder	21,700	20,800	1.42	1.20	30,810	24,960	16.30	20.30	502,202.00	506,689.00
Union	19,840	18,840	1.35	1.08	26,780	20,350	15.60	20.80	417,767.00	423,281.00
CENTRAL	397,440	379,170	1.42	1.09	563,610	412,080	17.85	21.27	10,062,008.00	8,765,675.00
Carbon	9,700	10,030	1.71	1.08	16,590	10,830	22.60	22.00	374,933.00	238,260.00
Lehigh	30,520	28,250	1.54	1.28	47,000	36,160	18.30	18.80	860,099.00	679,809.00
Luzerne	29,270	28,790	1.71	1.53	50,050	44,050	24.10	23.50	1,206,204.00	1,035,176.00
Monroe	14,500	13,960	1.35	1.43	19,570	19,960	22.30	21.50	436,410.00	429,141.00
Northampton	29,510	30,310	1.48	1.58	43,680	47,890	16.70	19.60	729,455.00	938,645.00
Pike,	5,390	5,010	1.65	1.16	8,890	5,810	23.00	16.60	204,469.00	96,446.00
Schuylkill	33,770	31,020	1.66	1.45	56,060	44,980	21.30	26.40	1,194,077.00	1,187,473.00
EAST CENTRAL	152,660	147,370	1.58	1.42	241,840	209,680	20.70	21.96	5,005,647.00	4,604,950.00
Allegheny	48,270	47,480	1.22	1.06	58,890	50,330	24.10	21.90	1,419,248.00	1,101,228.00
Fayette	39,370	35,290	1.37	1.21	53,940	42,700	21.00	22.20	1,132,739.00	947,941.00
Greene	51,550	46,810	1.01	1.05	52,070	49,150	23.60	23.40	1,228,851.00	1,150,111.00
Somerset	73,300	70,750	1.23	1.22	90,160	86,320	18.00	18.90	1,622,879.00	1,631,449.00
Washington	92,910	80,260	1.50	1.35	139,360	116,450	18.90	20.30	2,633,903.00	2,363,936.00
Westmoreland	78,640	78,120	1.49	1.27	117,170	99,210	21.10	24.20	2,472,286.00	2,400,883.00
SOUTHWESTERN	384,040	364,710	1.33	1.22	511,590	444,160	20.54	21.61	10,509,906.00	9,596,548.00
Adams	58,070	55,090	1.33	1.22	77,230	67,210	15.10	18.80	1,166,172.00	1,263,549.00
Bedford	41,150	39,160	1.14	.89	46,910	34,850	17.60	25.50	825,615.00	888,676.00
Cumberland	48,300	47,750	1.61	1.21	77,760	57,780	15.60	25.20	1,213,055.00	1,456,057.00
Franklin	62,840	59,430	.94	.94	59,070	55,870	17.80	22.20	1,051,445.00	1,240,315.00
Fulton	13,420	12,350	1.16	.84	15,570	10,370	15.60	22.20	242,891.00	230,214.00
York	90,640	86,700	1.55	1.47	140,490	127,450	17.40	19.50	2,444,525.00	2,485,276.00
SOUTH CENTRAL	314,420	300,480	1.33	1.18	417,030	353,530	16.65	21.40	6,943,703.00	7,564,087.00
Berks	81,710	81,080	1.82	1.52	148,710	123,240	18.00	20.60	2,676,779.00	2,538,745.00
Bucks	89,300	88,610	1.26	1.25	112,520	110,760	17.60	18.20	1,980,351.00	2,015,833.00
Chester	93,160	86,940	1.58	1.62	147,190	140,840	18.10	19.70	2,664,138.00	2,774,549.00
Delaware	12,350	12,060	1.71	1.54	21,120	18,570	19.50	22.00	411,839.00	408,541.00
Lancaster	111,020	106,510	1.75	1.64	194,290	174,680	17.50	17.60	3,400,074.00	3,074,369.00
Lebanon	37,130	35,520	1.64	1.54	60,890	54,700	17.20	19.50	1,047,307.00	1,066,651.00
Montgomery	60,520	57,070	1.26	1.29	76,250	73,620	17.00	16.90	1,296,249.00	1,244,179.00
Philadelphia	2,950	2,600	1.67	1.46	4,930	3,700	20.90	22.70	103,037.00	86,260.00
SOUTHEASTERN	488,140	470,390	1.57	1.49	765,900	700,210	17.73	18.86	13,579,774.00	13,209,127.00
PENNSYLVANIA	3,038,000	2,916,000	1.39	1.30	4,225,000	3,804,000	$17.00	$18.50	$71,825,000.00	$70,374,000.00
UNITED STATES	58,231,000	58,840,000	1.47	1.47	85,717,000	86,377,000	$13.94	$14.09	$1,195,133,000.00	$1,216,678,000.00

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[1] Tame hay includes all cultivated grasses, such as timothy, clover, alfalfa, millet, etc., and all grains (including field beans and peas) cut green and cured for hay.

TABLE 85—Tame Hay: Estimated Acreage, Production, Quality[1] and Value, Pennsylvania, 1866-1927

Year	Acres	Production		Quality[1]	Farm value Dec. 1		Value per acre
		Per acre	Total		Per ton	Total	
		Tons	Tons	P. ct.			
1866	1,642,363	1.20	1,970,836	------	$11.22	$22,120,510	$13,46
1867	1,864,615	1.30	2,424,000	------	10.62	25,750,659	13.81
1868	1,813,333	1.35	2,448,000	------	11.90	29,142,857	16.07
1869	1,822,695	1.41	2,570,000	------	11.77	30,241,284	16.60
1870	2,103,076	1.30	2,734,000	------	11.71	32,027.558	15.22
1871	2,204,301	.93	2,050,000	------	18.67	38,271,583	17.36
1872	2,133,673	.98	2,091,000	------	20.23	42,301,541	19.83
1873	2,127,304	1.15	2,446,400	------	16.39	40,097,532	18.85
1874	2,087,845	1.16	2,421,900	------	15.37	37,234,802	17.83
1875	2,181,818	1.10	2,400,000	------	14.93	35,822,145	16.42
1876	2,357,723	1.23	2,900,000	------	11.15	32,322,640	13.72
1877	2,516,667	1.20	3,020,000	------	9.44	28,496,109	11.33
1878	2,650,000	1.55	4,107,500	------	8.04	33,040,369	12.46
1879	2,544,179	1.34	3,409,200	------	12.88	43,910,496	17.26
1880	2,548,935	1.07	2,727,360	------	16.40	44,728,704	17.55
1881	2,658,291	1.10	2,924,120	------	13.53	39,563,344	14.88
1882	2,711,457	1.18	3,187,291	------	12.00	38,247,492	14.16
1883	2,738,572	1.20	3,286,286	------	10.45	34,341,689	12.54
1884	2,711,457	1.20	3,253,748	------	12.00	39,044,976	14.40
1885	2,738,572	1.00	2,738,572	------	13.50	36,970,722	13.50
1886	2,711,186	1.13	3,067,201	------	11.50	35,272,812	13.00
1887	2,738,298	1.25	3,422,873	------	11.31	38,712,694	14.14
1888	2,724,607	1.10	2,997,068	------	11.00	32,967,748	12.10
1889	3,323,689	1.30	4,331,582	------	9.40	40,716,871	12.22
1890	3,382,550	1.25	4,228,188	------	7.50	31,711,410	9.38
1891	3,213,423	1.15	3,695,436	------	10.00	36,954,360	11.50
1892	3,181,289	1.10	3,499,418	------	12.30	43,042,841	13.53
1893	3,085,850	1.03	3,178,426	------	14.40	45,769,334	14.83
1894	2,993,275	1.18	3,532,065	------	11.31	39,947,655	13.35
1895	2,843,611	1.01	2,872,047	------	12.30	35,326,178	12.42
1896	2,559,250	1.10	2,712,805	------	12.15	32,960,581	13.37
1897	2,636,028	1.40	3,690,439	------	9.15	33,767,517	12.81
1898	2,609,668	1.45	3,784,019	------	7.90	29,893,750	11.46
1899	2,557,475	1.20	3,068,970	96	11.50	35,293,155	13.80
1900	2,429,601	1.10	2,672,561	90	13.90	37,148,598	15.29
1901	3,012,974	1.19	3,585,439	92	13.64	48,905,388	16.23
1902	3,103,363	1.19	3,693,002	85	14.00	51,702,028	16.66
1903	3,072,329	1.27	3,901,858	89	13.50	52,675,083	17.15
1904	3,103,052	1.45	4,499,425	92	11.82	53,183,204	17.14
1905	3,072,021	1.50	4,608,032	90	11.93	54,973,822	17.90
1906	3,072,021	1.30	3,993,627	86	13.40	53,514,602	17.42
1907	3,150,000	1.45	4,568,000	89	15.75	71,946,000	22.84
1908	3,118,000	1.50	4,677,000	95	12.00	56,124,000	18.00
1909	2,994,000	1.08	3,242,000	90	14.60	47,333,000	15.77
1910	3,083,000	1.38	4,255,000	94	15.00	63,825,000	20.70
1911	3,022,000	1.00	3,022,000	85	20.00	60,440,000	20.00
1912	3,173,000	1.43	4,537,000	91	15.60	70,777.000	22.31
1913	3,141,000	1.32	4,146,000	92	14.90	61,775,000	19.67
1914	3,141,000	1.28	4,020,000	91	14.50	58,290,000	18.56
1915	3,100,000	1.40	4,340,000	85	15.60	67,704,000	21.84
1916	3,255,000	1.60	5,208,000	94	13.80	71,870,000	22.08
1917	3,092,000	1.41	4,360,000	90	17.50	76,300,000	24.68
1918	2,965,000	1.41	4,181,000	93	23.70	99,090,000	33.42
1919	2,881,000	1.35	3,889,000	90	24.00	93,336,000	32.40
1920	2,939,000	1.40	4,116,000	92	23.50	96,702,000	32.90
1921	3,025,000	1.20	3,630,000	86	17.00	61,710,000	20.40
1922	2,920,000	1.57	4,584,000	91	14.30	65,551,000	22.45
1923	2,919,000	1.05	3,066,000	------	21.50	65,919,000	22.58
1924	3,100,000	1.61	4,997,000	95	16.00	79,952,000	25.76
1925	3,038,000	1.39	4,225,000	89	17.00	71,825,000	23,63
1926[2]	2,916,000	1.31	3,820,000	87	18.50	70,670,000	24.24
1927	3,075,000	1.65	5,063,000	93	13.50	68,350,000	22.23

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[1] High-medium represented by 100.

[2] Estimates revised December, 1927.

TABLE 86—Wild Hay: Estimated Acreage, Production, Quality[1] and Value, Pennsylvania, 1909-1927

Year	Acres	Production		Quality [1]	Farm value Dec. 1		Value per acre
		Per acre	Total		Per ton	Total	
		Tons	Tons	P. ct.			
1909	13,000	.88	11,000	----------	----------	----------	----------
1910	13,000	1.20	16,000	----------	----------	----------	----------
1911	13,000	.85	11,000	----------	----------	----------	----------
1912	13,000	1.25	16,000	----------	----------	----------	----------
1913	13,000	1.20	16,000	92	----------	----------	----------
1914	14,000	1.16	16,000	91	$15.50	$248,000	$17.98
1915	14,000	1.00	14,000	85	13.00	182,000	13.00
1916	15,000	1.55	23,000	90	12.00	276,000	18.60
1917	14,000	1.30	18,000	88	16.00	288,000	20.80
1918	14,000	.95	13,000	86	14.00	182,000	13.30
1919	21,000	1.25	26,000	88	20.00	520,000	25.00
1920	22,000	1.24	27,000	92	18.00	486,000	22.32
1921	23,000	1.20	28,000	86	12.00	336,000	14.40
1922	23,000	1.20	28,000	87	8.00	224,000	9.60
1923	25,000	1.15	29,000	----------	15.50	450,000	17.83
1924	20,000	1.35	27,000	94	12.00	324,000	16.20
1925	20,000	1.25	25,000	87	12.00	300,000	15.00
1926	20,000	1.25	25,000	83	13.00	325,000	16.25
1927	15,000	1.45	22,000	91	11.00	242,000	16.13

[1] High-medium grade represented by 100.

THE ANIMAL UNIT

"Animal unit" is a hypothetical measure, employed to reduce the different kinds of livestock to one class, in so far as their relation to the consumption of feed is concerned. A unit is usually considered equivalent in feed requirements to an adult in the cattle class. It is roughly estimated that the amount of forage required to maintain one adult cow one year would be sufficient to maintain for the same period one horse, mule or steer, five hogs, seven sheep or goats, or 100 poultry. Young animals—colts, calves, pigs, lambs—require half as much as adults. (See also page 104.) These ratios have been used with fairly satisfactory results in farm management surveys.

TABLE 87—Cloverseed: Estimated Acreage, Production, Quality and Value, Pennsylvania, 1916-1927

Year	Acres	Production		Quality [1]	Farm value Dec. 1		Value per acre
		Per acre	Total		Per bu.	Total	
		Bus.	Bushels	P. ct.			
1916	9,000	1.6	14,000	----------	$9.80	$137,000	$15.68
1917	10,000	1.0	10,000	----------	12.70	127,000	12.70
1918	12,000	1.3	16,000	----------	19.00	304,000	24.70
1919	20,000	1.4	28,000	----------	29.20	818,000	40.88
1920	20,000	1.6	35,000	----------	12.90	452,000	20.64
1921	18,000	1.4	25,000	----------	10.25	256,000	14.35
1922	18,000	1.4	25,000	----------	10.00	250,000	14.00
1923	14,000	1.1	15,000	----------	12.70	190,000	13.97
1924	17,000	1.5	26,000	88	14.00	364,000	21.41
1925	16,000	1.8	29,000	86	15.70	455,000	28.46
1926	8,000	1.5	12,000	83	18.50	222,000	27.75
1927	14,000	1.6	22,000	87	17.75	391,000	27.93

[1] High-medium grade represented by 100.

TABLE 88—Fruit Crops: Production[1], Quality[2] and Value of Apples, Peaches and Pears, Pennsylvania, 1909-1927, and Grapes, 1922-1927

Year	TOTAL APPLE CROP[1]				COMMERCIAL APPLE CROP[3]			
	Production[1]	Quality[2]	Ave. price[4]	Total value	Production	Quality[2]	Ave. price[4]	Total value
	Bushels	P. ct.	Per bu.		Barrels	P. ct.	Per bbl.	
1909	11,600,000	70	----	------	------	----	----	------
1910	11,600,000	75	----	------	------	----	----	------
1911	20,500,000	85	$0.54	$11,070,000	------	----	----	------
1912	12,700,000	80	.70	8,890,000	------	----	----	------
1913	10,200,000	76	.89	9,078,000	------	----	----	------
1914	23,100,000	89	.50	11,550,000	------	----	----	------
1915	15,254,000	85	.71	10,830,000	------	----	----	------
1916	18,621,000	82	.86	14,897,000	1,225,000	----	$2.38	$2,916,000
1917	11,646,000	77	1.26	14,674,000	854,000	----	3.60	3,074,000
1918	16,080,000	85	1.20	19,296,000	1,116,000	----	3.40	3,794,000
1919	5,513,000	75	2.25	12,404,000	759,000	----	6.25	4,744,000
1920	18,584,000	94	.90	16,726,000	1,547,000	----	2.70	4,177,000
1921	2,208,000	67	2.60	5,741,000	221,000	----	7.00	1,547,000
1922	11,400,000	74	.96	10,944,000	1,216,000	----	2.80	3,405,000
1923	10,855,000	75	1.00	10,855,000	1,266,000	----	3.00	3,798,000
1924	7,800,000	66	1.30	10,140,000	780,000	----	3.73	2,909,000
1925	7,300,000	72	1.46	10,658,000	1,011,000	----	4.20	4,246,000
1926	17,000,000	89	.76	12,960,000	1,796,000	----	2.25	4,041,000
1927	6,300,000	69	1.40	8,820,000	850,000	----	4.20	3,570,000

Year	PEACHES[1]				PEARS			
	Bushels	P. ct.	Per bu.		Bushels	P. ct.	Per bu.	
1909	1,024,000	----	----	------	379,000	----	----	------
1910	1,533,000	----	$1.37	$2,100,000	570,000	85	$0.85	$485,000
1911	1,096,000	----	1.80	1,973,000	646,000	90	.70	452,000
1912	660,000	80	1.86	1,228,000	418,000	84	.85	355,000
1913	922,000	89	1.80	1,660,000	456,000	85	1.00	456,000
1914	1,541,000	90	1.25	1,926,000	608,000	90	.70	426,000
1915	2,044,000	87	.80	1,635,000	494,000	89	.74	366,000
1916	1,069,000	80	1.50	1,604,000	509,000	84	.90	458,000
1917	1,848,000	81	1.70	3,142,000	448,000	87	1.20	538,000
1918	720,000	84	2.75	1,980,000	518,000	90	1.35	699,000
1919	1,100,000	81	3.00	3,300,000	421,000	84	2.30	968,000
1920	2,000,000	89	2.50	5,000,000	845,000	95	1.30	1,099,000
1921	350,000	89	3.45	1,208,000	220,000	73	2.45	539,000
1922	1,560,000	90	1.80	2,808,000	576,000	88	1.00	576,000
1923	1,907,000	83	1.83	3,490,000	612,000	84	1.21	741,000
1924	1,715,000	82	1.91	3,276,000	629,000	88	1.29	811,000
1925	600,000	76	2.40	1,440,000	468,000	85	1.55	725,000
1926	2,498,000	86	.96	2,400,000	748,000	92	1.15	860,000
1927	947,000	77	2.00	1,894,000	400,000	83	1.50	600,000

Year	GRAPES				Quality of crop, 1910-1921			
	Tons	P. ct.	Per ton			P. ct.		P. ct.
1922	25,000	95	100.00	2,500,000	1910	84	1916	87
1923	16,500	92	76.00	1,254,000	1911	92	1917	81
1924	19,750	86	78.00	1,541,000	1912	88	1918	93
1925	11,180	85	95.00	1,062,000	1913	83	1919	103
1926	25,110	88	34.00	854,000	1914	90	1920	94
1927	14,850	88	61.00	906,000	1915	83	1921	70

[1]Production of apples and peaches prior to 1909 are as follows:

Apples, 1889-1908								Peaches, 1899-1908			
Year	1,000 bu.	Year	1,000 bu.	Year	1,000 bu.	Year	1,000 bu.	Year	1,000 bu.	Year	1,000 bu.
1889	7,553	1894	14,144	1899	24,061	1904	25,000	1899	143	1904	700
1890	3,052	1895	15,675	1900	18,000	1905	13,500	1900	1,400	1905	1,500
1891	20,790	1896	26,522	1901	9,000	1906	17,500	1901	1,700	1906	1,000
1892	13,475	1897	14,040	1902	19,000	1907	13,800	1902	1,350	1907	600
1893	14,190	1898	14,625	1903	18,500	1908	14,800	1903	900	1908	1,500

[2]High-medium grade represented by 100.

[3]That portion of the total crop which is sold for consumption as fresh fruit. One barrel is equivalent to three boxes or bushels.

[4]Prices of apples are as of December 1. Prior to 1925 peaches are as of September 15, pears, November 15, and grapes, principally October 15; beginning with 1925, prices are seasonal.

TABLE 89—Number of Fruit Trees and Grape Vines, Pennsylvania, 1890-1925

[Reports of U. S. Bureau of the Census]

Census	All orchard trees except apricot and quince		Apple trees		Peach trees	
	Bearing age	Non-bearing age	Bearing age	Non-bearing age	Bearing age	Non-bearing age
1890[1]	11,187,504	------	9,097,700	------	1,146,342	------
1900	17,775,275	------	11,774,211	------	3,521,930	------
1910	[2]12,999,561	[2]5,836,610	8,000,456	2,501,185	2,383,027	2,179,386
1920	13,028,878	4,552,754	6,988,594	2,628,053	3,563,726	1,234,708
1925	[3]14,308,568		6,726,473	2,078,469	3,753,363	

Census	Pear trees		Plum and prune trees		Cherry trees	
1890[1]	325,062	------	152,533	------	465,867	------
1900	815,349	------	707,512	------	956,273	------
1910	796,882	382,180	744,148	493,601	1,075,031	280,251
1920	753,632	237,643	767,646	233,384	951,924	217,046
1925	855,634		894,629		(3)	------

Census	Apricot trees		Quince trees		Grape vines	
1890[1]	5,913	------	------	------	------	------
1900	10,044	------	------	------	4,711,039	------
1910	10,363	7,576	176,849	77,071	5,271,264	1,022,811
1920	------	------	------	------	7,462,067	402,271
1925	------	------	------	------	7,779,280	

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[1] Not the number of trees of bearing age but only those actually bearing.

[2] Total of all trees, including apricot and quince, was 13,186,773 bearing and 5,921,257 non-bearing.

[3] Data on cherry trees not obtained.

TABLE 90—Apples: Leading Counties in Production, Pennsylvania, 1926

Counties	Production	Trees		Total value
		Bearing	Non-bearing	
	Bushels			
TOTAL TEN COUNTIES	6,665,380	2,213,650	771,135	$4,309,835
% of State total	39.2	32.9	37.1	33.3
Adams	1,569,400	443,413	154,041	$706,230
Franklin	1,093,710	265,614	120,374	492,169
York	689,840	297,457	105,316	379,412
Bedford	637,280	263,063	35,564	382,368
Luzerne	634,940	176,895	62,155	571,446
Berks	524,730	187,949	135,908	524,730
Wayne	395,330	138,659	19,159	316,264
Erie	395,030	145,368	43,520	375,278
Somerset	363,150	147,614	23,145	272,362
Lancaster	361,970	147,618	71,953	289,576

TABLE 91—Apples[1]: Estimated Production and Value, Pennsylvania, 1925 and 1926, and Number of Trees, 1919 and 1924

County and district	Production		Average price		Total value of crop		Apple trees (U. S. Censuses)			
							Non-bearing		Bearing	
	1925	1926	1925	1926	1925	1926	1919	1924	1919	1924
	Bushels	Bushels	Per bu.	Per bu.						
Crawford	126,470	351,640	$1.60	$1.10	$202,352.00	$386,804.00	19,434	17,863	198,025	140,427
Erie	162,360	395,030	1.55	.95	251,658.00	375,278.00	46,679	43,520	171,757	145,368
Forest	400	19,520	1.75	.95	700.00	18,544.00	2,639	1,390	15,576	14,408
Mercer	64,750	231,810	1.60	.70	103,600.00	162,267.00	29,714	28,394	141,841	106,611
Venango	16,050	130,360	1.75	.90	28,087.00	117,324.00	13,531	11,125	88,499	65,586
Warren	37,030	187,340	1.50	.75	55,545.00	140,505.00	3,954	4,951	99,271	81,645
NORTHWESTERN	407,060	1,315,700	1.58	.91	641,942.00	1,200,722.00	115,951	107,243	714,969	554,045
Bradford	69,120	257,840	1.10	.85	76,032.00	219,164.00	34,198	16,319	136,858	122,980
Cameron	2,310	8,180	1.65	1.00	3,811.00	8,180.00	2,703	840	6,712	4,670
Clinton	29,430	80,580	1.60	1.00	47,088.00	80,580.00	8,100	7.130	37,322	32,164
Elk	8,640	50,620	1.90	1.00	16,416.00	50,620.00	4,502	2,894	26,344	29,855
Lycoming	153,020	290,520	1.75	.95	267,785.00	275,994.00	33,397	20,584	111,289	104,222
McKean	4,590	64,860	1.95	.85	8,951.00	55,131.00	6,708	3,500	49,101	44,658
Potter	27,060	147,200	1.25	.60	33,825.00	88,320.00	7,163	3,907	83,131	64,805
Sullivan	28,180	106,210	1.15	.50	32,407.00	53,105.00	14,049	4,000	33,998	33,740
Tioga	41,810	238,120	1.40	.70	58,534.00	166,684.00	10,161	8,593	122,762	111,697
NORTH CENTRAL	364,160	1,244,130	1.50	.80	544,849.00	997,778.00	120,981	67,767	607,517	548,791
Lackawanna	199,920	282,080	1.45	1.10	289,884.00	310,288.00	39,356	25,317	101,420	90,043
Susquehanna	111,510	310,870	1.35	.95	150,538.00	295,327.00	26,702	17,622	158,674	133,755
Wayne	146,980	395,330	1.65	.80	242,517.00	316,264.00	33,336	19,159	178,596	138,659
Wyoming	172,640	329,530	1.05	.80	181.272.00	263,624.00	63,609	36,292	80,450	91,965
NORTHEASTERN	631,050	1,317,810	1.37	.89	864,211.00	1,185,503.00	165,003	98,390	519,140	454,422
Armstrong	70,380	216,190	1.70	.90	119,646.00	194,571.00	28,035	29,119	118,664	95,606
Beaver	88,300	188,300	1.75	1.00	154,625.00	188,300.00	54,679	41,581	102,095	95,653
Butler	80,240	323,330	1.80	.80	144,432.00	258,664.00	44,015	31,162	165,238	127,227
Clarion	12,390	82,680	1.65	.70	20,443.00	57,876.00	25,627	13,473	88,699	68,192
Indiana	68,790	224,530	1.75	.95	120.382.00	213,303.00	34,098	34,762	130,910	107,287
Jefferson	15,670	107,950	1.50	.90	23,505.00	97,155.00	25,104	35,359	113,934	81,002
Lawrence	54,970	205.350	1.70	.90	93.449.00	184,815.00	32,590	28,556	74,743	68,494
WEST CENTRAL	390,740	1,348,330	1.73	.88	676,382.00	1,194,634.00	244,148	214,812	794,283	643,461
Blair	139,920	323,480	1.35	.80	188,892.00	258,784.00	28,528	26,280	114,110	111,303
Cambria	55,370	194,120	1.55	.95	85,824.00	184,414.00	25,682	26,352	99,536	79,599
Centre	95,880	316,010	1.30	.65	124,644.00	205,407.00	22,397	17,443	77,954	65,620
Clearfield	48,630	160,770	1.60	.85	77,808.00	136,654.00	18,869	16,965	118,394	101,725
Columbia	110,060	265,530	1.40	.85	154,084.00	225,700.00	37,882	22,377	96,624	83,444
Dauphin	64,000	162,330	1.40	.75	90,440.00	121,748.00	48,501	34,001	91,799	84,272

Huntingdon	52,340	210,240	1.30	.55	68,042.00	115,632.00	35,998	18,063	88,687	82,013
Juniata	40,100	137,510	1.30	.55	52,130.00	75,630.00	12,094	11,299	42,884	38,861
Mifflin	25,020	86,930	1.40	.65	35,028.00	56,505.00	13,344	8,320	30,305	31,889
Montour	11,280	40,910	1.65	.70	18,612.00	28,637.00	12,099	4,737	19,727	22,896
Northumberland	102,200	224,520	1.80	.70	183,960.00	157,164.00	36,208	22,129	101,106	88,137
Perry	60,240	149,220	1.20	.50	72,288.00	74,610.00	34,612	16,698	68,046	66,475
Snyder	51,650	168,590	1.25	.75	64,562.00	126,443.00	29,920	16,243	51,742	57,384
Union	40,520	98,200	1.70	.65	68,884.00	63,830.00	10,725	8,942	37,817	41,027
CENTRAL	897,810	2,538,360	1.43	.72	1,285,198.00	1,831,158.00	366,859	249,849	1,038,731	954,735
Carbon	43,680	97,100	1.80	1.05	78,624.00	101,955.00	21,067	16,723	42,178	48,973
Lehigh	100,960	215,200	1.75	.80	176,680.00	172,160.00	39,722	34,205	67,400	77,232
Luzerne	325,590	634,940	1.60	.90	520,944.00	571,446.00	90,829	62,155	165,133	176,895
Monroe	41,400	99,090	1.90	1.05	78,660.00	104,045.00	19,301	11,137	59,175	48,569
Northampton	48,100	163,150	1.70	.90	81,770.00	146,835.00	25,586	26,117	64,178	61,674
Pike	14,720	64,050	1.50	1.00	22,080.00	64,050.00	4,529	4,418	23,831	21,817
Schuylkill	177,130	272,760	1.75	.95	309,977.00	259,122.00	54,903	37,978	125,828	119,832
EAST CENTRAL	751,580	1,546,290	1.69	.92	1,268,735.00	1,419,613.00	255,397	192,733	647,723	555,088
Allegheny	146,750	245,200	1.60	.95	234,800.00	232,940.00	57,079	61,071	151,246	149,876
Fayette	82,410	88,060	1.40	1.10	115,374.00	96,866.00	20,336	24,540	100,896	89,801
Greene	96,360	96,620	1.60	1.10	154,176.00	106,282.00	27,552	16,467	134,288	114,518
Somerset	157,520	363,150	1.30	.75	204,776.00	272,362.00	39,542	23,145	159,041	147,614
Washington	103,190	219,430	1.75	1.00	180,582.00	219,430.00	46,970	46,528	129,212	127,878
Westmoreland	170,910	289,240	1.65	1.25	282,002.00	361,550.00	51,638	43,522	157,295	131,343
SOUTHWESTERN	757,140	1,301,700	1.55	.99	1,171,710.00	1,289,430.00	243,117	215,273	831,978	759,625
Adams	924,320	1,569,400	1.25	.45	1,171,710.00	206,230.00	280,355	154,041	254,228	443,418
Bedford	232,090	637,280	1.25	.60	290,112.00	382,368.00	59,983	35,564	279,283	263,063
Cumberland	216,480	319,200	1.30	.60	281,424.00	191,520.00	77,271	78,476	106,791	138,558
Franklin	453,360	1,093,710	1.05	.45	476,028.00	492,169.00	101,424	120,374	239,011	265,614
Fulton	32,760	165,800	1.05	.50	34,398.00	82,900.00	15,076	19,561	92,080	78,224
York	358,900	689,840	1.40	.55	502,460.00	379,412.00	141,938	105,316	234,526	297,457
SOUTH CENTRAL	2,217,910	4,475,230	1.24	.50	2,739,824.00	2,234,599.00	675,907	513,332	1,205,919	1,486,329
Berks	212,780	524,730	1.70	1.00	361,726.00	524,730.00	96,869	135,908	181,309	187,949
Bucks	132,640	267,630	1.55	.70	205,592.00	187,341.00	65,844	56,095	120,980	122,686
Chester	132,980	313,990	1.60	.75	212,768.00	235,493.00	67,421	49,307	122,331	117,596
Delaware	35,930	78,180	1.55	.75	55,691.00	58,635.00	17,814	13,923	23,854	83,470
Lancaster	197,540	361,970	1.65	.80	325,941.00	289,576.00	98,191	71,953	124,431	147,618
Lebanon	56,820	146,110	1.75	.70	99,435.00	102,277.00	26,892	34,142	64,695	55,871
Montgomery	110,060	215,970	1.80	.95	198,108.00	205,172.00	65,187	57,704	98,365	104,477
Philadelphia	3,800	3,870	1.55	.85	5,890.00	3,289.00	1,932	38	2,639	411
SOUTHEASTERN	882,550	1,912,450	1.66	.81	1,465,151.00	1,606,513.00	440,150	419,070	728,334	770,077
PENNSYLVANIA	7,300,000	17,000 000	$1.46	$0.76	$10,658,000.00	$12,960,000.00	2,628,053	2,078,469	6,988,594	6,726,478
UNITED STATES	172,389,000	246,460,000	$1.26	$0.73	$216,755,000.00	$179,265,000.00	36,195,085	34,440,071	115,309,165	103,751,367

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[1] These data are for the total farm crop, which includes the commercial production estimated for Pennsylvania to be 1,011,000 barrels in 1925 and 1,796,000 barrels in 1926; for the United States, 33,246,000 barrels in 1925 and 39,095,000 barrels in 1926. One barrel is equivalent to three bushels.

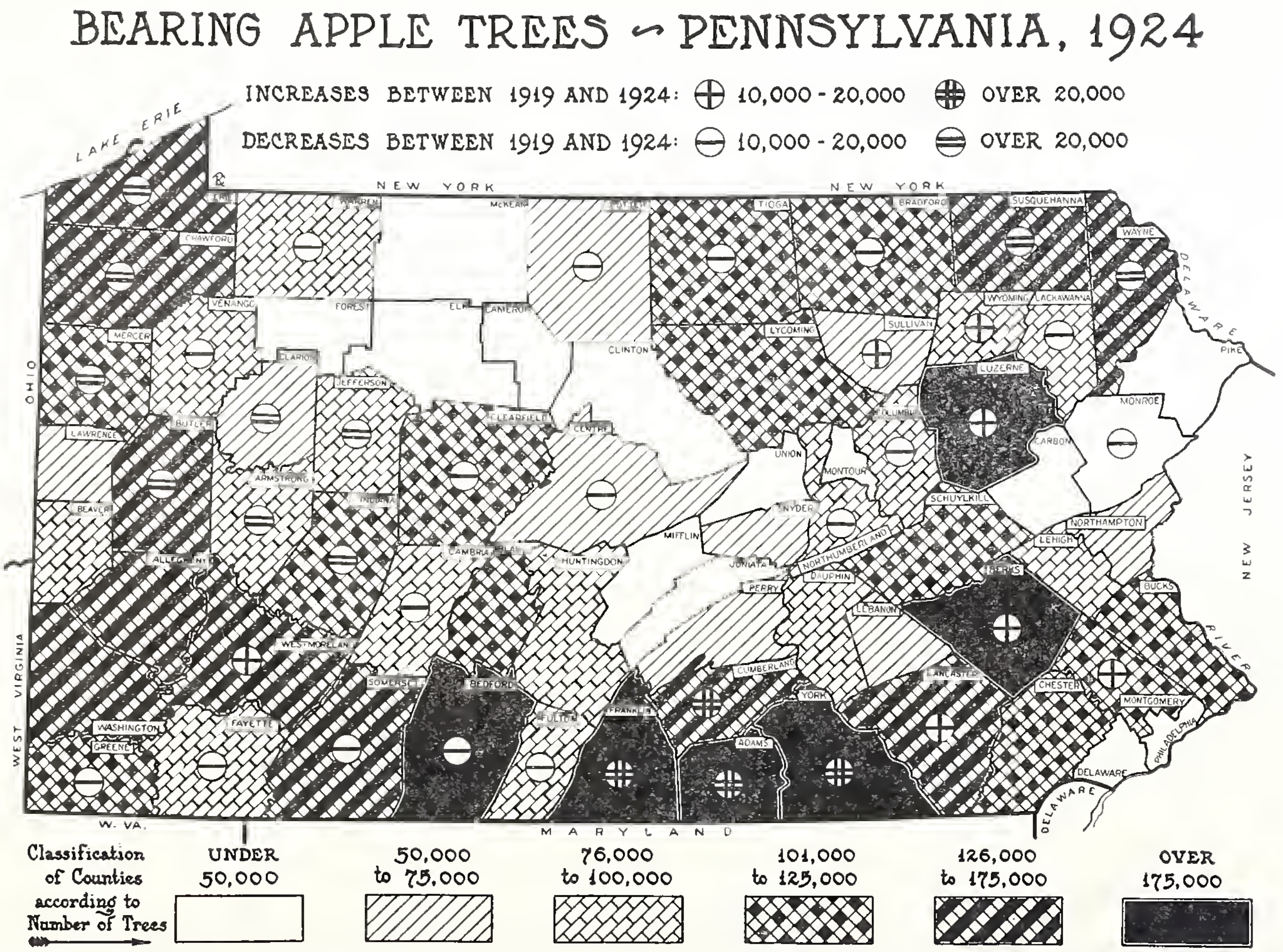

FIG. 20—Despite a net loss of 260,000 bearing trees, Pennsylvania advanced from fourth place in 1919 to third in 1924

TABLE 92—Leading States in Bearing and Non-bearing Apple Trees, 1910, 1920 and 1925

[Reports of U. S. Bureau of the Census]

CENSUS OF 1910

State and rank	Number of trees of bearing age	State and rank	Number of trees not of bearing age
UNITED STATES	15,322,840	UNITED STATES	65,791,848
1. Missouri	14,359,673	1. Washington	4,862,702
2. New York	11,248,203	2. Arkansas	3,940,089
3. Illinois	9,900,627	3. Missouri	3,624,833
4. Ohio	8,504,886	4. Virginia	3,435,591
5. PENNSYLVANIA	8,000,456	5. New York	2,828,515
6. Arkansas	7,650,103	6. West Virginia	2,772,025
7. Michigan	7,534,343	7. Illinois	2,548,301
8. Virginia	7,004,548	8. PENNSYLVANIA	2,501,185
9. Kansas	6,929,673	9. Ohio	2,438,246
10. Iowa	5,847,034	10. Michigan	2,253,072

1910: Missouri retained first place although losing six million trees since 1900. Great changes occurred in the states below the leading ten, the Pacific Northwest rapidly advancing in acreage and rank. Pennsylvania advanced from sixth to fifth in bearing trees, notwithstanding the number declined almost four million to approximately one million below the number in 1890. (Pennsylvania: 1890, 9,097,700 bearing trees; 1900, 11,774,211.)

CENSUS OF 1920

UNITED STATES	115,309,165	UNITED STATES	36,195,045
1. New York	9,636,698	1. New York	2,932,281
2. Washington	7,964,167	2. Virginia	2,857,007
3. Virginia	7,385,277	3. PENNSYLVANIA	2,628,053
4. PENNSYLVANIA	6,988,594	4. Michigan	2,051,129
5. Ohio	5,970,410	5. Ohio	2,047,687
6. Michigan	5,615,905	6. Illinois	1,825,886
7. West Virginia	5,554,731	7. West Virginia	1,735,126
8. Missouri	5,162,859	8. Missouri	1,585,823
9. Illinois	5,113,063	9. Kentucky	1,427,408
10. Arkansas	4,074,870	10. North Carolina	1,394,588
11. Kentucky	3,742,936	12. Arkansas	877,376
12. North Carolina	3,474,821	21. Washington	755,898

1920: This revealed the greatest shift in bearing trees of any census. Missouri's orchards proved uncertain in production, the State dropping from first to eighth rank. New York returned to first place, Washington advanced to second by a tremendous increase, and Virginia came up from eighth to third. The orchards of Washington and Virginia were comparatively young and only then approaching their period of maximum production. Pennsylvania advanced one in rank, notwithstanding the loss of another million trees, principally in old home orchards which were beginning to be supplanted by well-kept commercial plantings.

CENSUS OF 1925

UNITED STATES	103,697,180	UNITED STATES	34,299,348
1. New York	9,468,661	1. Illinois	2,636,634
2. Virginia	8,010,777	2. New York	2,422,156
3. Washington	6,766,352	3. Virginia	2,272,786
4. PENNSYLVANIA	6,726,473	4. PENNSYLVANIA	2,078,469
5. Michigan	5,544,840	5. Ohio	2,075,338
6. West Virginia	5,480,350	6. Michigan	1,871,434
7. Ohio	5,254,089	7. Missouri	1,791,077
8. Illinois	4,129,330	8. Arkansas	1,681,331
9. North Carolina	3,693,388	9. Kentucky	1,488,544
10. Missouri	3,678,886	10. West Virginia	1,361,390
12. Kentucky	3,278,263	12. North Carolina	1,162,694
16. Arkansas	2,695,820	13. Washington	1,049,949

1925: New York and Pennsylvania, with only slight decreases in bearing trees, retained their rank of first and fourth respectively. Washington, with a decrease of over a million trees, lost second place exchanging rank with Virginia which had increased 600,000 trees. The decline of Pennsylvania's home orchards has continued while commercial plantings have been increasing steadily.

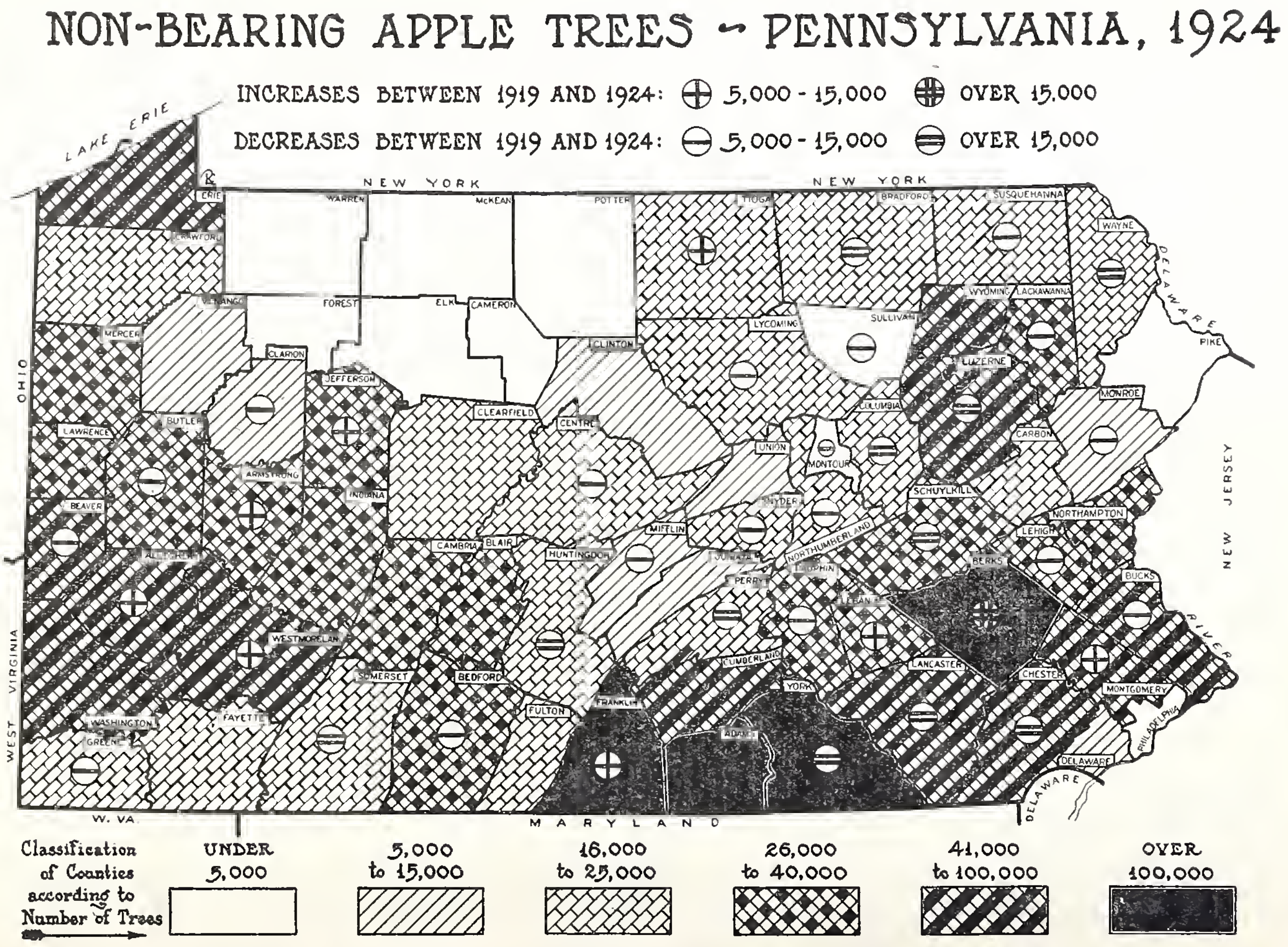

FIG. 21—New plantings are being made principally in commercial orchard

TABLE 93—Apples (Commercial Crop): Summer, fall, and winter varieties, United States, by States,[1] 1923-1925 and Usual

State	Summer				Fall and early winter				Winter			
	Usual	1923	1924	1925	Usual	1923	1924	1925	Usual	1923	1924	1925
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.
UNITED STATES	10.4	9.2	11.7	10.3	26.5	27.9	27.3	26.8	63.1	62.9	61.0	62.9
Maine	12	13	3	10	24	27	15	25	64	60	82	65
New Hampshire	8	11	7	10	16	26	14	25	76	63	79	65
Vermont	13	12	8	8	32	29	35	34	55	59	57	58
Massachusetts	14	11	12	14	28	31	25	36	58	58	63	50
Rhode Island	15	19	17	10	24	23	26	30	61	58	57	60
Connecticut	10	10	6	10	25	27	18	26	65	63	76	64
New York	9	7	14	12	23	21	36	26	68	72	50	62
New Jersey	29	31	24	35	28	30	28	28	43	39	48	27
PENNSYLVANIA	16	15	17	19	29	35	28	25	55	50	55	56
Ohio	17	17	24	------	25	23	29	------	58	60	47	------
Indiana	19	16	26	------	31	28	31	------	50	56	43	------
Illinois	18	19	24	16	29	32	29	29	53	49	47	55
Michigan	18	------	25	22	25	------	32	28	57	------	43	50
Wisconsin	28	27	24	28	44	49	45	44	28	24	31	28
Minnesota	41	42	41	33	45	39	45	51	14	19	14	16
Iowa	27	24	30	28	33	38	33	35	40	38	37	37
Missouri	6	10	2	3	31	35	27	35	63	55	71	62
South Dakota	43	------	41	------	38	------	38	------	19	------	21	------
Nebraska	13	8	16	16	23	19	26	24	64	73	58	60
Kansas	8	7	13	------	26	23	28	------	66	70	59	------
Delaware	42	43	43	48	18	18	19	17	40	39	38	35
Maryland	15	16	13	17	24	26	27	25	61	58	60	58
Virginia	2	3	3	2	9	7	10	5	89	90	87	93
West Virginia	17	20	16	17	25	25	30	26	58	55	54	57
North Carolina	21	------	17	22	37	------	32	36	42	------	51	42
Georgia	7	2	7	13	32	34	35	40	61	64	58	47
Kentucky	25	18	25	28	30	29	30	31	45	53	45	41
Tennessee	35	28	37	------	35	36	24	------	30	36	39	------
Arkansas	4	2	4	4	22	22	26	16	74	76	70	80
Oklahoma	17	13	18	------	35	25	32	------	48	62	50	------
Texas	29	28	25	------	34	48	32	------	37	24	43	------
Montana	6	6	6	25	70	73	73	35	24	21	21	40
Idaho	4	4	6	5	38	36	30	32	58	60	64	63
Colorado	5	5	10	5	30	37	24	25	65	58	66	70
New Mexico	8	8	7	10	37	42	33	30	55	50	60	60
Utah	10	10	16	13	33	34	28	35	57	56	56	52
Washington	4	4	5	5	34	35	30	30	62	61	65	65
Oregon	5	5	4	6	17	22	17	24	78	73	79	70
California	22	25	20	12	26	28	25	20	52	47	55	68

[1] The percentages shown are the percentages of the various apple crops reported by the growers to be of summer varieties, such as ordinarily go into consumption not later than early September; fall and early winter varieties not suitable for keeping later than Christmas; and later varieties, including those which can ordinarily be stored for winter use.

APPLE TREE VARIETIES

The summary of an inquiry on the number of apple trees by variety, addressed to crop reporters in 1914, indicated that the Baldwin led all other varieties with 17.8 per cent of the total number of apple trees, Northern Spy being second with 11.4 per cent. Percentages of other leading varieties were: York Imperial, 7.5; Ben Davis, 6.0; R. I. Greening, 5.5; Red Astrachan, 3.5; Early Harvest, 3.1; Maiden Blush, 3.0; Grimes Golden, 2.6; Golden Russet, 2.5; Yellow Bellflower, 2.3 and Rome Beauty, 2.1.

In a cooperative survey conducted by the Pennsylvania Department of Agriculture and the Pennsylvania State College in 1920-1921,[1] the York Imperial was considered by 181 growers to be the most profitable variety, the Stayman by 129 growers and the Baldwin by 108. Ben Davis was reported to be the least profitable variety. Growers considering new plantings favored chiefly the Stayman, York and Grimes Golden varieties.

More recent information on apple varieties will be contained in the summary of a survey conducted in the spring of 1927 to determine the status of the apple growing industry in Pennsylvania and other important states. Number of trees by age and variety, acreage in orchards, contemplated changes in plantings and disposal of the crop are among the subjects covered by the survey.

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[1] **Bulletin 369, "The Apple Industry of Pennsylvania," Pennsylvania Department of Agriculture, pages 105-115.**

TABLE 94—Peaches: Estimated Production and Value, Pennsylvania, 1925 and 1926, and Number of Trees, 1919 and 1924

County and district	Production		Average price		Total value of crop		Peach trees (U. S. Census)	
	1925	1926	1925	1926	1925	1926	1919	1924
	Bushels	Busbels	Per bu.	Per bu.				
Crawford	1,830	26,380	$2.55	$0.85	$4,667.00	$22,423.00	63,385	29,378
Eric	16,330	54,780	2.05	.90	33,476.00	49,302.00	92,079	88,172
Forest	50	370	3.00	.80	150.00	296.00	980	1,003
Mercer	3,530	52,080	2.10	.90	7,413.00	46,872.00	84,656	77,468
Venango	1,100	13,270	2.35	.95	2,585.00	12,606.00	35,307	19,897
Warren	20	1,180	3.00	.95	60.00	1,121.00	2,710	2,334
NORTHWESTERN	22,860	148,060	2.12	.90	48,351.00	132,620.00	279,117	218,252
Bradford	2,030	20,380	2.00	1.10	4,060.00	22,418.00	64,616	31,693
Cameron	30	90	2.50	1.30	75.00	117.00	277	418
Clinton	70	8,130	3.00	1.30	210.00	10,569.00	12,529	13,287
Elk	20	390	3.00	1.05	60.00	409.00	1,701	956
Lycoming	640	27,980	2.90	1.15	1,856.00	32.177.00	73,293	52,518
McKean	20	90	3.00	1.20	60.00	108.00	127	186
Potter	10	90	2.25	1.20	22.00	108.00	526	211
Sullivan	60	1,480	3.00	.95	180.00	1,406.00	3,265	1,694
Tioga	2,570	5,760	2.50	.95	6,425.00	5,472.00	11,046	5,455
NORTH CENTRAL	5,450	64,390	2.38	1.13	12,948.00	72,784.00	167,380	106,418
Lackawanna	70	5,170	2.00	1.25	140.00	6,462.00	15,322	8,770
Susquehanna	120	2,840	2.15	1.10	258.00	3,124.00	11,789	5,787
Wayne	2,250	6,010	2.00	1.10	4,500.00	6,611.00	27,197	9,373
Wyoming	370	18,210	1.80	1.05	666.00	19,120.00	69,277	38,120
NORTHEASTERN	2,810	32,230	1.98	1.10	5,564.00	35,317.00	123,585	62,050
Armstrong	300	65,260	2.00	.95	600.00	61,997.00	91,351	86,757
Beaver	6,560	93,310	2.55	.90	16,728.00	83.979.00	223,118	147,808
Butler	1,070	51,900	2.30	1.00	2,461.00	51,900.00	110,494	85,587
Clarion	840	17,740	2.10	.95	1,764.00	16,853.00	58,925	33,711
Indiana	2,680	66,730	2.00	1.05	5,360.00	70,067.00	115,022	78,575
Jefferson	140	12,400	2.45	1.00	343.00	12,400.00	55,859	34,403
Lawrence	2,650	52,960	2.30	.95	6.095.00	50,312.00	82,216	76,926
WEST CENTRAL	14,240	360,300	2.34	.96	33,351.00	347,508.00	736,985	543,767
Blair	3,350	37,850	3.05	1.05	10,218.00	39,743.00	70,209	59,165
Cambria	880	13,110	2.15	1.10	1,892.00	14,421.00	36,936	17,400
Centre	1,190	9,840	2.50	1.15	2,975.00	11,316.00	21,535	15,845
Clearfield	150	19,260	2.60	1.05	390.00	20.223.00	40,691	29,214
Columbia	4,630	28,250	3.10	1.35	14,353.00	38,138.00	77,081	50,250
Dauphin	4,670	30,280	2.25	.95	10,507.00	28,766.00	98,333	60,435
Huntingdon	2,000	33,040	2.75	.90	5,500.00	29,736.00	65,430	47,367

Juniata	1,710	24,310	3.25	.90	5,558.00	21,879.00	55,244	51,879
Mifflin	880	8,130	2.00	.90	1.760.00	7,317.00	17,349	14,761
Montour	510	11,430	2.25	1.25	1,147.00	14,288.00	28,314	14,768
Northumberland	2,990	34,970	2.50	1.00	7,475.00	34,970.00	79,087	76,059
Perry	2,740	19,880	1.90	.90	5,206.00	17,892.00	49,081	28,347
Snyder	1,030	34,840	2.50	1.00	2,575.00	34,840.00	100,441	99,921
Union	2,450	16,900	2.50	1.00	6,125.00	16,900.00	28,939	25,097
CENTRAL	29,180	322,090	2.59	1.02	75,681.00	330,429.00	768,670	590,508
Carbon	20,430	27,980	2.50	1.15	51,075.00	32,177.00	37,946	37,005
Lehigh	39,890	48,720	2.30	1.05	91,747.00	51,156.00	72.799	58,604
Luzerne	7,200	28,930	3.05	1.15	21,960.00	33,269.00	107,380	26,199
Monroe	1,240	3,850	2.65	1.15	3,286.00	4,427.00	30,552	12,378
Northampton	12,750	20,740	2.55	1.00	32,513.00	20,740.00	88,075	55,277
Pike	160	690	2.05	1.05	328.00	725.00	2,900	2,297
Schuylkill	6,120	25,650	2.50	1.15	15,300.00	29,498.00	73,148	44,538
EAST CENTRAL	87,790	156,560	2.46	1.10	216,209.00	171,992.00	412,800	236,298
Allegheny	7,650	153,900	2.15	1.00	16,447.00	153,900.00	216,851	206,708
Fayette	2,720	43,830	2.00	.95	5,440.00	41,639.00	71,079	66,043
Greene	5,220	53,730	2.30	.95	12.006.00	51,044.00	68,554	61,219
Somerset	440	12,700	2.25	1.00	990.00	12,700.00	20,008	17,404
Washington	3,550	117,630	2.75	1.00	9,763.00	117,630.00	124,211	154,724
Westmoreland	14,750	101,780	2.90	1.05	42,775.00	106,869.00	167,562	132,820
SOUTHWESTERN	34,330	483,570	2.55	1.00	87,421.00	483,782.00	668,265	638,918
Adams	52,670	124,400	2.30	.85	121,141.00	105,740.00	194,107	157,809
Bedford	1,590	25,680	2.55	.85	4,054.00	21,828.00	55,511	46,754
Cumberland	10,630	40,210	2.45	.95	26,044.00	38,199.00	93,553	76,474
Franklin	30,660	187,040	2.35	.55	72,051.00	102,872.00	173,765	239,278
Fulton	860	28,360	2.25	.95	1,935.00	26,942.00	33,109	41,967
York	65,320	105,830	2.50	1.00	163,300.00	105,830.00	217,194	176,976
SOUTH CENTRAL	161,730	511,520	2.40	.78	388,525.00	401,411.00	767,239	739,258
Berks	59,210	102,330	2.50	1.10	148,025.00	112,563.00	183,005	157,056
Bucks	41,180	69,630	2.05	.95	84,419.00	66,148.00	188,137	112,994
Chester	44,070	67,280	2.45	1.00	107,972.00	67,280.00	127,808	80,866
Delaware	11,220	13,540	2.15	.95	24,123.00	12,863.00	35,634	20,143
Lancaster	26,830	66,060	2.50	.95	67,075.00	62.757.00	138,598	102,281
Lebanon	16,180	31,230	2.60	1.10	42,068.00	34,353.00	56,597	50,156
Montgomery	41,130	65,820	2.30	1.00	94,599.00	65,820.00	137,300	94,077
Philadelphia	1,790	3,390	2.05	.70	3,669.00	2,373.00	7,314	321
SOUTHEASTERN	241,610	419,280	2.37	1.01	571,950.00	424,157.00	874,393	617.894
PENNSYLVANIA	600,000	2,498,000	$2.40	$0.96	$1,440,000.00	$2,400,000.00	4,798,434	3,753,363
UNITED STATES	46,562,000	68,425,000	$1.38	$0.98	$64,171,000.00	$67,079,000.00	87.263,963	88,841,223

TABLE 95—Peaches: Number of Trees of Each Age in Commercial Orchards, Pennsylvania, 1925

[Special survey, fall and winter of 1925-1926]

County and district	No. of reports	Number of trees reported[1]	No. of trees with age reported	Number of trees of each age in orchards reported					
				1 year and under	2 and 3 years	4 and 5 years	6 and 7 years	8 and 9 years	10 years and over
York	96	70,712	70,712	15,949	19,354	16,782	10,979	5,785	1,863
Adams	75	90,513	90,513	7,382	24,344	30,065	7,194	8,068	13,460
Franklin	57	146,640	146,640	16,466	17,483	66,283	23,935	11,326	11,147
Cumberland	28	46,790	46,790	6,525	11,030	21,352	2,065	2,418	3,400
SOUTHERN	256	354,655	354,655 100.0%	46,322 13.1%	72,211 20.4%	134,482 37.9%	44,173 12.4%	27,597 7.8%	29,870 8.4%
Bucks	68	43,980	43,980	2,632	7,855	8,699	5,962	4,279	14,553
Chester	44	25,227	25,227	1,586	6,790	6,573	6,558	930	2,790
Lancaster	21	11,817	11,817	2,809	3,692	1,321	1,692	1,495	808
Schuylkill	19	7,521	7,521	500	1,099	1,399	837	3,150	536
Dauphin	17	9,356	9,356	470	4,350	900	735	1,200	1,701
Delaware	13	9,256	9,256	1,996	1,125	3,569	1,352	9	1,205
Lebanon	12	18,836	18,836	2,102	3,202	2,793	8,272	2,467	-------
Northampton	10	9,985	9,985	650	5,203	1,815	2,115	87	115
SOUTHEASTERN (A)[2]	205	136,578	136,578 100.0%	12,745 9.3%	33,873 24.8%	27,112 19.9%	27,523 20.1%	13,617 10.0%	21,703 15.9%
Berks	99	94,994	94,994	10,483	30,782	27,187	15,549	6,402	4,591
Montgomery	49	34,378	34,378	1,360	8,140	10,933	3,032	227	10,686
Lehigh	18	15,531	15,531	3,512	5,908	2,160	2,701	310	940
Carbon	7	27,450	27,450	3,005	5,950	3,700	2,200	660	11,935
SOUTHEASTERN (B)	173	172,353	172,353 100.0%	18,360 10.7%	50,780 29.5%	43,980 25.5%	23,482 13.6%	7,599 4.4%	28,152 16.3%
Allegheny	152	60,503	60,503	4,171	10,412	8,424	7,425	6,389	23,682
Beaver	103	35,064	35,064	1,723	4,185	3,039	4,650	6,137	15,330
Washington	92	31,033	31,033	5,080	8,711	4,278	1,098	3,766	8,100
Armstrong	28	8,203	8,203	743	2,075	700	1,415	965	2,305
Indiana	23	8,284	8,284	20	40	280	550	2,205	5,189
Mercer	23	6,300	6,300	622	1,200	618	655	730	2,475
Westmoreland	19	9,207	9,207	1,304	695	990	424	214	5,580
Lawrence	19	6,479	6,479	769	1,610	271	1,125	501	2,203
Butler	15	9,813	9,813	1,133	3,954	175	513	1,303	2,735
Fayette	12	2,760	2,760	161	165	276	280	330	1,548
Greene	7	1,425	1,425	-------	200	235	175	380	435
WESTERN	493	179,071	179,071 100.0%	15,726 8.8%	33,247 18.6%	19,286 10.8%	18,310 10.2%	22,920 12.8%	69,582 38.8%
Erie	34	23,087	23,087	3,395	8,006	3,815	1,339	500	6,032
LAKE ERIE	34	23,087	23,087 100.0%	3,395 14.7%	8,006 34.7%	3,815 16.5%	1,339 5.8%	500 2.2%	6,032 26.1%
Lycoming	46	17,035	16,895	3,477	4,757	889	777	2,613	4,382
Wyoming	26	18.504	18,504	1,570	2,079	800	7.525	345	6,185
Snyder	23	21,130	21,130	3,370	3,735	2,305	5,120	1,300	5,300
Huntingdon	18	17,033	17,033	725	2,250	2,357	715	920	10,066
Columbia	18	5,530	5,530	1,425	1,223	595	280	760	1,247
Northumberland	16	13,265	13,265	500	3,840	2,390	1,390	185	4,960
Juniata	13	16,322	16,322	1,600	2,600	3,150	6,365	600	2,007
Luzerne	13	9,335	9,335	1,770	1,750	1,810	101	504	3,400
Bedford	13	8,160	8,160	330	650	2,720	335	2,675	1,450
Union	11	10,164	10,164	577	3,075	915	2,152	-------	3,445
Other counties (20)	110	53,554	53,554	4,311	8,882	7,060	5,559	9,927	17,815
SCATTERED COS.	307	190,032	189,892 100.0%	19,655 10.4%	34,841 18.3%	24,991 13.2%	30,319 16.0%	19,829 10.4%	60,257 31.7%
TOTAL REPORTED[1]	1,468	1,055,776	1,055,636 100.0%	116,203 11.0%	232,958 22.1%	253,666 24.0%	145,146 13.8%	92,062 8.7%	215,601 20.4%

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[1] These figures do not represent the totals for all peach orchards in the county, district or state, but are merely the totals for the orchards of 100 or more peach trees which were reported in this survey. It is believed that for the State as a whole, the reports are sufficiently complete to indicate quite accurately the relative numbers of trees of each age and of each variety in commercial orchards. For individual counties, the figures are probably less reliable.

[2] District total includes 1 report from Philadelphia County.

TABLE 96—Peaches: Varieties in Commercial Orchards, Pennsylvania, 1925

[Special survey, fall and winter of 1925-1926]

Variety	Number of trees reported[1]	Number of trees by districts[2]					
		Southern	South-eastern (A)	South-eastern (B)	Western	Lake Erie	Scattered counties
Total reported [1]	1,055,776	354,655	136,578	172,353	179,071	23,087	190,032
Elberta	567,697	241,451	53,054	94,807	68,898	14,431	95,056
Belle (Belle of Georgia)	92,688	25,857	21,907	21,626	8,292	236	14,770
J. H. Hale	68,282	30,740	7,984	7,682	9,721	515	11,640
Carman	42,378	6,913	6,364	7,586	8,372	1,486	11,657
Champion	36,426	3,231	6,399	6,214	11,424	273	8,885
Late Crawford	28,426	4,967	3,880	2,730	9,649	395	6,805
Salwey	22,250	6,342	1,510	4,445	5,011	237	4,705
Hiley	22,069	6,797	4,316	5,897	1,145	200	3,714
Rochester	11,660	660	1,810	1,846	3,799	1,808	1,737
Iron Mountain	11,287	1,654	4,884	1,915	1,550	----------	1,284
Niagara	11,193	550	625	220	6,528	46	3,224
Krummel	10,657	2,651	2,238	1,448	1,727	100	2,493
Smock	9,932	867	751	240	4,585	----------	3,489
Greensboro	9,485	1,584	2,746	939	1,961	436	1,819
Fox	8,664	2,411	3,802	1,162	510	----------	779
Early Crawford	5,288	350	438	589	2,732	25	1,154
Early Elberta	4,177	453	1,394	564	1,400	296	70
Late Elberta	3,720	1,700	125	724	341	----------	830
Ray	2,906	1,227	525	203	231	----------	720
Mountain Rose	2,901	540	395	457	612	----------	897
Fitzgerald	2,470	----------	55	53	1,638	110	614
Slappey	2,351	1,000	205	961	85	100	----------
Captain Ede	2,329	260	703	542	444	----------	380
Chairs Choice	1,468	130	1,023	130	135	----------	50
Alton	1,436	145	644	302	85	----------	260
Yellow St. John	1,333	----------	33	75	1,008	27	190
Early Wheeler (Red Bird)	1,253	154	195	800	104	----------	----------
Stump	1,187	125	373	225	289	----------	175
Brackett	927	350	124	5	56	----------	392
Reeves	685	525	85	10	40	----------	25
Heath Cling	645	430	----------	60	123	----------	32
Mayflower	362	52	94	80	91	----------	45
Miscellaneous [3]	67,244	10,539	7,897	7,816	26,485	2,366	12,141

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[1] Does not include all peach trees in State. See footnote 1 to Table 95.

[2] For names of counties included in each district see Table 95.

[3] Includes little known and unimportant varieties, seedlings, trees of unknown varieties, and some trees for which variety was not reported.

TABLE 97—Peaches: Leading Counties in Production, Pennsylvania, 1926

Counties	Production	Number of trees	Total value
	Bushels		
TOTAL TEN COUNTIES	1,123,130	1,567,039	$1,022,811
% of State total	45.0	41.8	42.6
Franklin	187,040	239,278	$102,872
Allegheny	153,900	206,708	153,900
Adams	124,400	157,809	105,740
Washington	117,630	154,724	117,630
York	105,830	176,976	105,830
Berks	102,330	157,056	112,563
Westmoreland	101,780	132,820	106,869
Beaver	93,310	147,808	83,979
Bucks	69,630	112,994	66,148
Chester	67,280	80,866	67,280

TABLE 98—Peaches: Number of Trees of Each Age in Commercial Orchards, Principal States, 1925

[Special survey, fall and winter of 1925-1926]

State	Number of trees reported [1]	Number of trees with age reported	Number of trees of each age in orchards reported					
			1 year and under	2 and 3 years	4 and 5 years	6 and 7 years	8 and 9 years	10 years and over
TOTAL REPORTED[1]	43,013,619	42,785,936	2,995,831	11,068,432	9,450,898	4,622,046	3,383,136	11,265,593
New York	1,631,269	1,623,249	213,294	462,799	207,587	123,473	121,743	494,353
New Jersey	2,296,907	1,291,232	152,914	432,171	520,773	524,194	250,280	410,900
PENNSYLVANIA	1,055,776	1,055,636	116,203	232,958	253,666	145,146	92,062	215,601
Ohio	503,024	444,574	59,975	121,894	39,553	28,864	39,790	154,498
Indiana	418,141	417,137	49,609	129,677	62,047	50,803	73,499	51,502
Illinois	1,923,012	1,922,212	320,167	772,085	386,326	190,996	151,130	101,508
Michigan	2,215,392	2,214,517	358,882	884,842	270,875	173,587	180,540	345,791
Missouri	151,123	139,273	13,992	23,312	16,073	14,444	28,301	43,151
Delaware	302,540	294,486	33,367	83,638	74,222	34,455	25,325	42,479
Maryland	448,966	446,751	24,171	114,902	101,142	71,652	59,063	75,821
Virginia	595,435	588,005	79,597	152,364	108,742	104,435	46,938	95,929
West Virginia	189,526	182,014	26,474	45,130	44,209	18,090	4,542	43,569
North Carolina	2,190,894	2,190,236	95,802	727,152	914,233	235,507	160,802	56,740
South Carolina	843,824	825,238	65,918	274,025	397,700	42,457	12,459	32,679
Georgia	7,980,040	7,977,330	264,018	1,950,515	2,505,514	1,344,673	1,060,413	852,197
Kentucky	90,942	88,631	20,223	35,127	9,829	4,858	8,574	10,020
Tennessee	1,204,662	1,166,640	107,594	521,520	309,907	55,181	92,707	79,737
Alabama	105,973	97,369	1,328	39,922	41,589	7,125	1,891	5,514
Arkansas [2]	800,365	790,628	135,570	290,527	120,566	64,815	43,399	135,751
Oklahoma	218,707	202,456	11,815	29,591	14,744	13,406	16,583	116,317
Texas	242,322	242,295	23,193	66,006	61,174	27,375	22,253	42,294
Idaho	28,075	28,075	510	2,480	989	163	2,849	21,084
Colorado	204,010	197,680	19,145	29,349	12,706	6,724	4,592	125,164
Utah	318,564	309,981	20,281	39,230	27,852	12,094	20,547	189,977
Washington	261,810	257,965	30,429	47,806	39,160	14,769	6,644	119,157
California	16,792,320	16,792,320	751,360	3,559,410	2,909,720	1,311,760	856,210	7,403,860

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[1] With the exception of California, these figures do not represent the totals for all peach orchards but are merely the totals for the orchards of 100 or more peach trees which were reported in this survey. It is believed that for the individual States the reports are sufficiently complete to indicate the relative numbers of trees of each age and of each variety in commercial orchards. For California, the totals include estimates for commercial orchards not reported.

[2] It is reported that rather extensive plantings have been made during the past three years in some of the eastern counties of Arkansas, for which no figures were received.

TABLE 99—Peaches: Leading Varieties in Commercial Orchards, Principal States, 1925

[Special survey, fall and winter of 1925-1926]

State	Percentage of total number of trees reported in State								
	Elberta	Hiley	Belle (Belle of Georgia)	J. H. Hale	Carman	Salwey	Champion	Early Wheeler (Red Bird)	All other varieties[1]
New York	83.6	--------	--------	2.2	1.8	--------	--------	--------	12.4
New Jersey	36.9	7.0	11.6	5.4	9.4	--------	2.3	--------	27.4
PENNSYLVANIA	53.8	2.1	8.8	6.5	4.0	2.1	3.5	--------	19.2
Ohio	54.6	--------	--------	--------	1.8	5.5	2.4	--------	35.7
Indiana	38.8	--------	1.4	19.6	1.2	--------	3.5	--------	35.5
Illinois	65.4	--------	1.9	17.7	1.0	--------	--------	1.6	12.4
Michigan	56.0	--------	--------	4.9	--------	--------	--------	--------	39.1
Missouri	55.6	--------	1.1	3.1	3.7	--------	3.1	1.1	32.3
Delaware	50.3	3.8	22.8	7.7	4.4	--------	--------	--------	11.0
Maryland	44.1	7.8	14.1	5.2	7.5	2.7	--------	--------	18.6
Virginia	48.5	5.1	14.6	9.8	6.1	1.6	1.6	--------	12.7
West Virginia	50.7	1.3	5.0	3.4	3.4	2.8	3.2	--------	30.2
North Carolina	46.7	9.2	24.8	8.5	2.6	--------	--------	--------	8.2
South Carolina	70.9	4.2	15.3	--------	2.2	--------	--------	--------	7.4
Georgia	48.2	24.6	9.3	--------	6.4	--------	--------	--------	11.5
Kentucky	52.3	--------	5.5	9.5	3.6	--------	--------	2.1	27.0
Tennessee	81.6	--------	4.4	2.1	1.1	--------	--------	4.8	6.0
Alabama	33.7	16.5	23.6	1.2	6.1	--------	--------	--------	18.9
Arkansas	92.4	--------	--------	1.6	--------	--------	--------	--------	6.0
Oklahoma	75.6	--------	--------	3.4	--------	--------	--------	8.7	12.3
Texas	67.7	5.5	--------	1.0	--------	--------	--------	4.3	21.5
Idaho	84.8	--------	--------	--------	--------	--------	1.0	--------	14.2
Colorado	89.8	--------	--------	2.0	1.5	--------	--------	--------	6.7
Utah	80.3	--------	--------	1.2	--------	--------	--------	--------	18.5
Washington	64.7	--------	--------	9.5	1.3	1.2	--------	--------	23.3
California	13.7	--------	--------	1.2	--------	1.1	--------	--------	84.0

[1] Varieties included under "All other varieties," which equal 4% or more of State total: Georgia—Early Rose, 4.1%. South Carolina—Slappey, 8.7%. Indiana—Heath Cling, 4.2%. Ohio—Slappey, 6.9%; Smock, 4.6%. Michigan—New Prolific, 6.5%; Kalamazoo, 5%; South Haven, 4.1%. New York—Rochester, 4.2%. Utah—Early Elberta, 11.7%. Washington—Early and Late Crawford, 6%. California—Phillips, 19.8%; Tuscan, 15.9%; Polora, 4.8%; Muir, 13.8%; Lovell, 11.7%.

TABLE 100—Pears: Leading Counties in Production, Pennsylvania, 1926

Counties	Production	Number of trees	Total value
	Bushels		
TOTAL TEN COUNTIES	336,110	270,107	$388,077
% of State total	44.9	31.6	45.1
Montgomery	48,250	27,225	$55,488
Lancaster	42,530	29,229	34,024
York	41,840	31,502	29,288
Schuylkill	38,050	20,971	76,100
Bucks	37,830	31,642	47,287
Berks	36,980	32,490	38,829
Chester	29,110	23,517	33,477
Franklin	22,310	9,981	13,386
Luzerne	20,500	22,380	35,875
Allegheny	18,710	41,170	24,323

TABLE 101—Pears: Estimated Production and Value, Pennsylvania, 1925 and 1926, and the Number of Trees in 1919 and 1924

County and district	Production		Average price		Total value of crop		Pear trees (U. S. Censuses)	
	1925	1926	1925	1926	1925	1926	1919	1924
	Bus.	Bus.	Per bu.	Per bu.				
Crawford	6,580	9,260	$1.70	$1.20	$11,186.00	$11,112.00	19,873	16,807
Erie	15,000	17,810	1.45	1.35	21,750.00	24,043.00	26,381	24,294
Forest	30	290	2.05	1.00	61.00	290.00	417	682
Mercer	5,110	8,870	1.65	1.00	8,432.00	8,870.00	17,743	15,572
Venango	910	3,430	1.90	1.05	1,729.00	3,602.00	7.818	6,659
Warren	530	2,080	1.85	1.10	981.00	2,288.00	5,045	4,320
NORTHWESTERN	28,160	41,740	1.57	1.20	44,139.00	50,205.00	77,277	68,334
Bradford	4,780	8,530	1.40	1.20	6,692.00	10,236.00	14,818	12,210
Cameron	110	270	1.80	1.55	198.00	418.00	442	420
Clinton	750	2,800	2.30	1.00	1,725.00	2,800.00	4,249	3,483
Elk	160	900	2.05	1.80	328.00	1,620.00	2,441	2,062
Lycoming	8,510	11,210	1.50	1.20	12,765.00	13,452.00	13,817	12,564
McKean	370	760	1.95	1.00	721.00	760.00	1,742	1,760
Potter	1,110	4,130	1.30	1.50	1,443.00	6,195.00	3,652	3,132
Sullivan	1,270	1,920	1.15	1.35	1,461.00	2,592.00	2,503	1,963
Tioga	4,050	7,880	1.45	1.20	5,872.00	9,456.00	9,590	8,893
NORTH CENTRAL	21,110	38,400	1.48	1.24	31,205.00	47,529.00	53,254	46,487
Lackawanna	11,120	10,660	2.05	2.00	22,796.00	21,320.00	14,333	10,389
Susquehanna	6,980	7,450	1.45	1.70	10,121.00	12,665.00	12,215	9,438
Wayne	9,460	6,120	1.35	1.50	12,771.00	9,180.00	12,085	10,573
Wyoming	3,300	3,340	1.25	1.50	4,125.00	5,010.00	8,346	7,242
NORTHEASTERN	30,860	27,570	1.61	1.75	49,813.00	48,175.00	46,979	37,642
Armstrong	3,840	9,150	1.75	1.15	6,720.00	10,523.00	20,537	20,076
Beaver	3,780	4,820	1.90	1.25	7,182.00	6,025.00	20,178	16,511
Butler	3,820	7,430	1.60	1.05	6,112.00	4,651.00	23,244	16,183
Clarion	1,760	4,230	1.30	.95	2,288.00	4,019.00	14,660	11,066
Indiana	3,920	10,230	1.75	1.10	6,860.00	11,253.00	23,781	18,408
Jefferson	540	6,770	1.70	.90	918.00	6,093.00	16,441	11,218
Lawrence	2,570	4,960	1.55	1.15	3,984.00	5,704.00	12,286	10,724
WEST CENTRAL	20,230	47,590	1.68	1.01	34,064.00	48,268.00	131,127	104,186
Blair	2,800	8,960	1.45	1.10	4,060.00	9,856.00	21,934	19,356
Cambria	2,180	13,250	1.70	1.55	3,706.00	20,537.00	29,223	20,349
Centre	4,440	5,850	1.30	.70	5,772.00	4,095.00	6,454	5,905
Clearfield	1,490	7,160	1.90	1.45	2,831.00	10,382.00	14,398	11,977
Columbia	8,300	15,290	1.55	1.15	12,865.00	17,584.00	15,664	13,104

Dauphin	7,700	11,930	1.45	1.00	11,165.00	11,930.00	14,805	13,247
Huntingdon	420	4,710	1.30	.90	546.00	4,239.00	10,310	9,676
Juniata	1,410	3,920	1.55	.75	2,185.00	2,940.00	4,799	5,095
Mifflin	1,500	3,590	1.40	.70	2,100.00	2,513.00	5,086	5,294
Montour	1,190	2,430	2.05	1.00	2,440.00	2,430.00	3,545	3,454
Northumberland	5,050	10,740	1.80	.70	9,090.00	7,518.00	16,506	14,258
Perry	2,690	4,770	1.40	1.00	3,766.00	4,770.00	5,384	5,586
Snyder	1,240	4,800	1.25	.85	1,550.00	4,080.00	4,979	6,169
Union	880	2,770	1.30	.80	1,144.00	2,216.00	3,628	3,900
CENTRAL	41,290	100,170	1.53	1.05	63,220.00	105,090.00	156,715	137,370
Carbon	2,570	12,790	2.05	1.55	5,268.00	19,824.00	14,635	12,304
Lehigh	13,610	16,290	1.50	1.05	20,415.00	17,105.00	18,234	14,280
Luzerne	9,920	20,500	2.40	1.75	23,808.00	35,875.00	22,649	22,380
Monroe	3,310	5,800	2.20	1.25	7,282.00	7,250.00	7,597	5,161
Northampton	9,800	15,360	1.45	1.20	14,210.00	18,432.00	16,431	13,184
Pike	1.580	2,340	1.05	1.25	1,659.00	2,925.00	2,063	2,373
Schuylkill	22,140	38,050	2.05	2.00	45,387.00	76,100.00	28,363	20,971
EAST CENTRAL	62,930	111,130	1.88	1.60	118,029.00	177,511.00	109,972	90,653
Allegheny	16,170	18,710	1.90	1.30	30,723.00	24,323.00	39,309	41,170
Fayette	2,900	5,850	1.70	1.00	4,930.00	5,850.00	11,996	11,174
Greene	1,510	3,580	1.80	1.05	2,718.00	3,759.00	9,651	8,454
Somerset	4,470	9,760	1.90	1.50	8,493.00	14,640.00	16,550	17,098
Washington	810	8.420	1.70	1.00	1,377.00	8,420.00	20,899	20,067
Westmoreland	5,790	10,220	2.00	1.60	11,580.00	16,352.00	32,698	25,629
SOUTHWESTERN	31,650	56,540	1.89	1.30	59,821.00	73,344.00	131,103	123,592
Adams	10,260	17,050	1.05	.75	10,773.00	12,787.00	9,853	11,523
Bedford	4,240	8,770	1.65	.75	6,996.00	6,578.00	18,005	18,557
Cumberland	11,380	13,680	1.30	.60	14,794.00	8,208.00	9,014	13,327
Franklin	9,250	22,310	1.50	.60	13,875.00	13,386.00	20,625	9,981
Fulton	430	2,720	1.65	.80	710.00	2,176.00	4,878	3,721
York	32,300	41,840	1.30	.70	41,990.00	29,288.00	32,020	31,502
SOUTH CENTRAL	67,860	106.370	1.31	.68	89,138.00	72,423.00	94,395	88,611
Berks	26,120	36,980	1.45	1.05	37,874.00	38,829.00	38,247	32,490
Bucks	20,870	37,830	1.40	1.25	29,218.00	47,287.00	34,912	31,642
Chester	20,400	29,110	1.75	1.15	35,700.00	33,477.00	29,659	23,517
Delaware	10,230	11,340	1.80	1.65	18,414.00	18,711.00	9,105	6,682
Lancaster	36,750	42,530	1.20	.80	44,100.00	34,024.00	32,794	29,229
Lebanon	7,840	9,430	1.25	.75	9,800.00	7,072.00	8,212	7,774
Montgomery	39,310	48,250	1.45	1.15	56,999.00	55,488.00	35,309	27,225
Philadelphia	2,390	3.020	1.45	.85	3,466.00	2,567.00	2,215	200
SOUTHEASTERN	163,910	218,490	1.44	1.09	235,571.00	237,455.00	190,453	158,759
PENNSYLVANIA	468,000	748,000	$1.55	$1.15	$725,000.00	$860,000.00	991,275	855,634
UNITED STATES	20,720,000	25,644,000	$1.40	$0.89	$29,066,000.00	$22,742,000.00	20,699,659	23,252,144

TABLE 102—Number of Non-bearing and Bearing Apple Trees and Peach Trees of All Ages, United States, by States, 1924

[U. S. Bureau of the Census]

State	Apple trees		Peach trees of all ages
	Non-bearing age	Bearing age	
UNITED STATES	34,299,348	103,697,180	89,035,019
Maine	435,091	2,441,937	7,222
New Hampshire	236,602	620,412	59,373
Vermont	175,936	559,046	3,309
Massachusetts	756,897	1,402,223	306,408
Rhode Island	57,481	165,856	58,413
Connecticut	295,939	701,160	406,915
NEW ENGLAND	1,957,946	5,890,634	841,640
New York	2,422,156	9,468,661	3,297,454
New Jersey	827,078	1,421,736	2,425,728
PENNSYLVANIA	2,078,469	6,726,473	3,753,363
MIDDLE ATLANTIC	5,327,703	17,616,870	9,476,545
Ohio	2,066,338	5,354,089	3,655,854
Indiana	1,046,302	2,783,391	2,046,657
Illinois	2,636,634	4,129,330	4,139,100
Michigan	1,871,434	5,544,840	3,229,145
Wisconsin	702,456	2,204,326	5,036
EAST NORTH CENTRAL	8,323,164	20,015,976	13,075,292
Minnesota	354,197	1,370,059	1,060
Iowa	744,429	2,254,715	344,535
Missouri	1,772,077	3,659,886	2,785,647
North Dakota	14,533	23,197	----------------
South Dakota	79,560	213,103	447
Nebraska	330,460	697,957	136,493
Kansas	684,563	1,122,371	852,976
WEST NORTH CENTRAL	3,979,819	9,341,288	4,121,158
Delaware	242,976	824,348	501,111
Maryland[1]	488,652	1,698,045	1,043,130
Virginia	2,272,786	8,010,777	2,196,238
West Virginia	1,361,390	5,480,350	1,788,502
North Carolina	1,162,694	3,693,388	4,116,566
South Carolina	258,913	369,530	1,453,161
Georgia	693,030	1,404,250	14,969,465
Florida	5,109	2,592	290,590
SOUTH ATLANTIC	6,485,550	21,483,280	26,358,763
Kentucky	1,488,544	3,278,263	1,994,033
Tennessee	1,175,214	2,887,806	3,798,917
Alabama	426,342	798,070	1,849,990
Mississippi	156,358	189,336	1,070,571
Arkansas	1,681,331	2,695,820	4,344,322
Louisiana	37,937	31,217	413,881
Oklahoma	434,450	919,490	2,350,907
Texas	151,026	276,703	3,758,188
SOUTH CENTRAL	5,551,202	11,076,705	19,580,809
Montana	31,796	710,960	1,388
Idaho	127,894	1,760,648	147,631
Wyoming	10,018	40,554	147
Colorado	84,162	1,389,712	407,950
New Mexico	80,291	596,603	131,973
Arizona	26,401	71,760	93,182
Utah	104,620	558,106	622,021
Nevada	14,561	48,532	10,695
Washington	1,049,949	6,781,852	666,141
Oregon	257,819	2,773,293	348,334
California	886,453	3,540,407	13,151,350
WESTERN	2,673,964	18,272,427	15,580,812

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[1] Including District of Columbia.

TABLE 103—Number of Pear Trees, Plum and Prune Trees and Grape Vines, of All Ages, United States, by States, 1924

[U. S. Bureau of the Census]

State	Pear trees of all ages	Plum and prune trees of all ages	Grape vines of all ages
UNITED STATES	23,198,479	37,630,839	381,491,116
Maine	31,681	33,276	12,461
New Hampshire	25,996	17,337	19,369
Vermont	16,319	20,664	11,690
Massachusetts	131,361	50,719	169,318
Rhode Island	18,659	4,110	69,836
Connecticut	90,658	26,943	518,417
NEW ENGLAND	314,674	153,049	801,091
New York	3,331,601	974,982	34,874,038
New Jersey	431,799	41,343	1,880,116
PENNSYLVANIA	855,634	894,629	7,779,280
MIDDLE ATLANTIC	4,619,034	1,910,954	44,533,434
Ohio	687,771	587,835	8,779,993
Indiana	388,394	276,411	1,406,611
Illinois	771,671	395,266	2,311,864
Michigan	1,249,246	564,911	17,219,054
Wisconsin	37,231	250,226	220,635
EAST NORTH CENTRAL	3,134,313	2,074,649	29,038,167
Minesota	1,873	320,380	121,783
Iowa	147,277	481,494	2,115,303
Missouri	480,878	614,384	5,188,667
North Dakota	363	68,746	2,496
South Dakota	1,544	176,093	33,418
Nebraska	67,240	180,055	963,317
Kansas	257,451	236,231	2,034,830
WEST NORTH CENTRAL	956,626	2,077,383	10,459,814
Delaware	205,501	5,320	595,362
Maryland[1]	286,410	51,152	333,391
Virginia	404,800	173,768	592,961
West Virginia	141,754	208,004	284,460
North Carolina	287,863	156,212	575,969
South Carolina	100,747	50,848	160,593
Georgia	246,898	220,246	203,961
Florida	92,921	81,855	366,489
SOUTH ATLANTIC	1,766,894	947,405	3,113,186
Kentucky	255,150	253,323	501,919
Tennessee	273,359	268,308	467,503
Alabama	217,726	99,308	239,221
Mississippi	157,575	91,136	72,388
Arkansas	176,684	307,112	4,312,406
Louisiana	62,911	92,175	43,807
Oklahoma	223,763	253,598	1,637,764
Texas	468,828	629,549	819,887
SOUTH CENTRAL	1,835,996	1,994,509	8,094,895
Montanna	4,263	18,813	1,741
Idaho	71,177	719,008	114,748
Wyoming	206	11,748	529
Colorado	186,244	73,223	199,284
New Mexico	38,846	56,431	451,576
Arizona	16,749	37,703	868,422
Utah	59,903	63,948	435,668
Nevada	5,874	6,670	96,960
Washington	1,476,093	1,491,228	1,094,423
Oregon	1,314,131	5,677,689	648,514
California	7,397,456	20,316,429	280,638,674
WESTERN	10,570,942	28,472,890	284,550,539

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[1] Including District of Columbia.

TABLE 104—Percentage of Farms Reporting Certain Crops, Pennsylvania, 1924[1]

[State Triennial Farm Census]

County and district	Corn	Winter wheat	Oats	Rye	Buckwheat	Potatoes	Tobacco	Tame hay	Alfalfa	Apples	Peaches
	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.
Crawford	73.2	36.7	79.6	2.8	45.9	79.4	----	94.2	1.6	91.1	47.9
Erie	72.4	17.4	72.5	9.6	39.2	81.0	----	88.9	2.7	83.6	33.1
Forest	65.4	40.7	70.5	4.5	51.6	88.0	----	92.3	1.9	91.8	32.7
Mercer	77.8	55.7	75.6	8.5	33.1	80.3	----	90.2	.8	88.9	66.6
Venango	68.7	36.8	74.2	4.0	50.9	78.1	----	87.2	1.0	89.7	57.8
Warren	59.7	15.4	69.8	1.7	34.6	84.4	----	96.0	1.8	93.1	19.3
NORTHWESTERN	71.7	33.8	72.2	5.7	40.9	80.6	----	91.6	1.5	88.9	45.8
Bradford	74.8	19.7	74.5	14.0	67.5	78.0	1.3	96.4	2.4	87.0	47.5
Cameron	49.5	4.0	46.0	9.1	35.2	85.2	----	88.6	2.3	93.2	50.7
Clinton	82.1	62.0	68.8	16.6	26.9	85.7	5.8	84.1	5.0	93.6	51.7
Elk	50.0	5.5	81.8	4.6	47.1	90.2	----	96.2	1.7	93.5	13.8
Lycoming	87.4	72.4	80.5	26.2	42.1	89.1	.9	93.4	1.7	92.6	49.2
McKean	31.7	1.9	64.0	1.5	33.2	71.6	----	96.0	1.0	87.4	1.3
Potter	44.9	1.1	76.1	1.9	52.4	82.0	----	95.6	.9	92.0	1.3
Sullivan	68.7	20.5	77.4	6.9	67.8	86.1	----	98.0	.9	96.1	33.2
Tioga	65.9	5.2	72.6	2.2	60.7	81.5	3.7	97.1	3.1	92.2	18.7
NORTH CENTRAL	67.2	23.8	73.8	9.7	54.1	82.5	1.6	95.2	2.2	90.7	31.3
Lackawanna	45.5	.7	54.1	4.2	25.5	74.6	----	85.4	.6	83.3	20.0
Susquehanna	58.6	2.1	61.1	2.0	40.9	77.3	----	95.9	1.8	95.2	23.3
Wayne	52.8	1.2	57.4	3.6	35.7	82.9	----	86.3	.7	92.2	27.7
Wyoming	71.6	9.0	62.7	14.1	48.5	78.2	----	90.9	2.2	93.6	51.5
NORTHEASTERN	57.9	2.7	59.2	4.6	38.2	78.9	----	90.7	1.4	92.3	28.4
Armstrong	75.1	51.3	64.7	18.5	36.5	71.3	----	79.4	1.4	73.8	71.3
Beaver	69.8	50.1	63.5	9.8	5.0	71.0	----	82.3	2.6	86.5	75.5
Butler	72.1	53.9	66.5	12.2	30.0	76.2	----	82.4	1.4	83.4	64.7
Clarion	75.5	64.3	75.5	13.7	44.9	82.9	----	83.8	1.2	94.5	62.5
Indiana	78.2	54.8	73.1	38.3	54.0	72.7	----	86.2	2.0	93.1	71.4
Jefferson	77.3	45.3	81.8	31.1	62.7	89.2	----	90.1	1.3	86.5	55.0
Lawrence	79.5	63.3	72.4	10.6	15.6	70.2	----	91.5	2.0	85.5	68.2
WEST CENTRAL	74.5	54.6	70.8	19.8	36.5	76.2	----	84.6	1.7	85.9	66.7
Blair	81.6	65.0	69.9	11.0	11.4	86.7	----	89.0	8.7	82.4	52.0
Cambria	67.4	29.5	75.8	26.0	47.1	82.3	----	90.2	2.0	91.1	52.0
Centre	81.1	72.2	76.9	11.7	16.0	90.2	----	91.5	6.9	94.4	41.5
Clearfield	70.2	32.3	73.1	27.9	52.9	85.8	----	87.8	1.8	87.1	41.6
Columbia	86.9	80.3	79.4	36.4	36.4	85.5	----	88.2	2.2	94.2	54.4
Dauphin	92.0	80.1	75.9	14.5	6.7	89.0	1.8	88.2	13.8	91.3	55.2
Huntingdon	84.9	75.5	67.0	15.8	26.5	86.7	----	88.0	3.9	95.3	44.8
Juniata	86.4	83.3	75.2	11.7	15.3	87.3	.8	86.7	5.8	89.1	46.8

Mifflin	91.8	84.1	83.4	10.2	6.9	92.8	----	90.7	1.1	96.6	45.4
Montour	91.3	85.4	83.7	26.4	21.7	90.9	----	95.0	2.3	96.0	65.4
Northumberland	89.3	83.6	82.0	25.1	13.3	94.2	----	90.0	2.7	96.2	59.7
Perry	89.5	82.2	76.8	21.4	18.5	87,2	----	88.7	6.8	96.5	65.5
Snyder	86.3	82.5	76.6	21.2	19.9	85.6	.3	86.2	2.8	95.4	46.4
Union	86.9	84.2	79.1	9.3	5.5	74.3	----	93.4	2.5	86.9	62.0
CENTRAL	83.4	67.3	76.4	20.8	24.8	86.7	.2	89.1	5.1	92.2	51.6
Carhon	77.2	64.9	70.4	55.1	27.2	84.4	----	88.8	7.2	91.3	31.3
Lehigh	84.2	80.7	62.3	23.2	3.2	90.1	----	81.3	22.6	91.2	37.1
Luzerne	67.0	35.9	64.6	33.4	31.5	75.5	----	82.9	.8	87.6	27.7
Monroe	65.5	38.4	58.6	47.2	38.2	76.2	----	77.8	3.5	85.7	27.1
Northampton	82.1	68.4	68.1	26.4	6.2	84.4	----	73.6	27.2	90.8	38.7
Pike	45.0	4.0	45.3	24.6	33.7	76.2	----	79.2	2.3	92.2	29.7
Schuylkill	83.3	80.5	77.0	45.6	17.0	86.7	----	91.7	4.2	94.0	37.3
EAST CENTRAL	76.2	60.4	66.1	34.6	18.3	82.9	----	81.2	12.4	90.4	34.0
Allegheny	48.1	30.6	41.8	9.7	2.7	35.2	----	65.5	5.8	70.4	65.4
Fayette	65.9	28.4	55.5	5.2	15.9	46.8	----	76.2	13.2	87.6	78.4
Greene	61.0	23.4	47.6	13.1	.9	74.2	----	84.6	1.8	90.2	78.1
Somerset	79.6	39.5	84.2	11.6	46.1	91.5	----	93.7	1.3	94.5	47.0
Washington	69.3	41.5	61.5	3.3	.8	51.6	----	83.1	5.9	83.8	74.7
Westmoreland	72.5	48.5	67.5	9.9	10.8	58.8	----	83.7	11.3	89.5	82.5
SOUTHWESTERN	66.6	36.5	60.5	7.0	12.7	59.0	----	81.2	6.7	85.8	71.1
Adams	90.1	82.0	52.5	16.8	7.0	66.7	----	91.4	2.3	75.7	42.7
Bedford	79.1	68.2	67.4	22.4	37.2	78.0	----	82.2	4.3	89.8	41.8
Cumberland	92.7	83.7	69.9	20.4	.8	80.7	----	90.1	17.2	82.3	51.7
Franklin	91.4	81.9	40.0	27.2	2.2	86.1	----	86.5	14.3	85.1	47.5
Fulton	85.6	80.0	50.5	24.3	33.4	82.3	----	87.4	1.7	91.3	56.6
York	91.1	84.0	57.6	15.8	5.6	88.2	9.1	88.4	5.0	91.6	50.1
SOUTH CENTRAL	88.9	80.6	56.6	20.4	11.2	81.9	3.2	87.7	7.3	86.7	47.8
Berks	86.5	76.7	72.1	28.9	1.2	85.0	.8	85.6	25.3	89.3	47.9
Bucks	78.1	56.5	53.3	23.4	9.0	66.0	----	84.9	7.7	84.4	52.3
Chester	86.3	65.6	55.5	5.2	1.7	74.3	5.8	83.8	30.7	90.4	55.8
Delaware	64.7	25.7	25.4	4.2	.7	54.7	----	65.1	23.6	77.7	42.8
Lancaster	90.0	84.2	31.4	3.8	.9	82.3	76.2	88.5	9.4	88.9	57.1
Lebanon	92.4	84.3	73.5	9.5	.6	92.0	7.2	94.5	12.7	89.9	38.3
Montgomery	73.9	55.9	45.5	18.5	3.4	54.8	----	81.5	8.0	82.9	47.6
Philadelphia	----	----	----	----	----	----	----	----	----	----	----
SOUTHEASTERN	83.8	69.3	51.4	14.5	2.8	74.7	20.3	85.3	16.0	86.6	50.9
PENNSYLVANIA	76.5	52.9	65.3	15.5	24.2	78.0	4.1	87.4	6.7	88.6	50.0

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[1] A pamphlet has been published by the Bureau of the Census, U. S. Department of Commerce, showing the number of Pennsylvania farms reporting specified crops and classes of live stock at the 1925 Federal Census.

TABLE 105—Estimated Production of Crops Per Farm, Pennsylvania, 1926

County and district	Farms: 1925 Census		Combined value of specified crops per farm	Crop										
	Number	Average size		Corn	Wheat	Oats	Rye	Buckwheat	Potatoes	Tobacco	Tame hay	Apples	Peaches	Pears
		Acres		Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Lbs.	Tons	Bus.	Bus.	Bus.
Crawford	6,578	83.4	$768	132	27	201	.61	35.5	80	--------	24.3	53.5	4.01	1.41
Erie	5,698	74.6	919	142	14	164	3.17	31.9	145	--------	21.6	69.3	9.61	3.13
Forest	450	100.6	631	67	38	142	1.73	26.6	81	--------	14.0	43.4	.82	.64
Mercer	4,556	78.9	891	194	57	216	4.96	18.7	99	--------	22.4	50.9	11.43	1.95
Venango	2,373	82.7	722	116	26	165	1.19	41.2	72	--------	20.4	54.9	5.59	1.45
Warren	2,544	94.8	683	86	7	116	.29	21.7	68	--------	25.7	73.6	.46	.82
NORTHWESTERN	22,199	81.8	815	139	28	180	2.21	30.0	98	--------	22.7	59.3	6.67	1.88
Bradford	5,104	115.2	1,042	242	16	198	4.42	88.1	100	42	25.0	50.5	3.99	1.67
Cameron	183	78.2	583	32	11	90	.82	12.6	127	--------	12.8	44.7	.49	1.48
Clinton	1,148	90.7	1,093	304	110	203	5.39	11.9	122	218	15.0	70.2	7.08	2.44
Elk	1,017	73.1	869	61	2	223	.34	22.4	100	--------	20.8	49.8	.38	.88
Lycoming	3,230	96.7	1,175	380	114	231	10.71	29.6	92	43	19.1	89.9	8.66	3.47
McKean	1,683	88.0	606	28	2	81	.28	11.2	59	--------	21.4	38.5	.05	.45
Potter	1,815	143.6	932	66	1	207	.46	54.8	252	--------	24.9	81.1	.05	2.28
Sullivan	821	102.4	885	141	13	195	.80	45.1	106	--------	23.9	129.4	1.80	2.34
Tioga	3,696	116.1	959	140	4	246	.52	62.7	84	128	34.0	64.4	1.56	2.13
NORTH CENTRAL	18,697	107.8	981	197	33	204	3.62	51.9	108	58	24.4	66.5	3.44	2.05
Lackawanna	1,717	70.8	1,212	78	1	100	2.34	9.3	195	--------	21.0	164.3	3.01	6.21
Susquehanna	3,451	121.7	1,146	119	1	119	.44	29.3	104	--------	43.0	90.1	.82	2.16
Wayne	3,155	101.4	866	70	--------	61	.31	11.9	79	--------	27.7	125.3	1.90	1.94
Wyoming	1,639	93.3	1,054	148	5	114	5.53	33.2	115	--------	25.7	201.1	11.11	2.04
NORTHEASTERN	9,962	101.8	1,053	101	1	97	1.56	21.0	114	--------	31.5	132.3	3.23	2.77
Armstrong	3,569	80.4	790	154	55	201	8.21	25.0	55	--------	14.0	60.6	18.29	2.56
Beaver	2,415	79.7	894	153	56	193	2.29	1.4	74	--------	16.5	78.0	38.64	2.00
Butler	4,177	77.8	963	190	44	194	3.39	29.0	91	--------	19.7	77.4	12.43	1.78
Clarion	2,978	83.0	824	198	70	264	4.50	44.3	52	--------	20.6	27.8	5.96	1.42
Indiana	4,062	85.9	906	204	54	175	19.63	52.0	78	--------	15.3	55.3	16.43	2.52
Jefferson	3,161	71.5	824	167	29	199	11.71	63.9	95	--------	18.8	34.2	3.92	2.14
Lawrence	2,604	68.7	979	240	68	225	2.77	6.6	69	--------	20.4	78.9	20.34	1.90
WEST CENTRAL	22,966	78.6	883	187	53	205	8.11	33.8	74	--------	17.8	58.7	15.69	2.07
Blair	1,824	86.7	1,105	313	100	172	4.25	11.8	96	--------	12.0	177.3	20.75	4.91
Cambria	2,392	74.7	1,278	154	31	229	13.89	41.1	169	--------	21.6	81.2	5.48	5.54
Centre	2,105	113.9	1,461	459	189	388	4.65	6.6	142	--------	17.1	150.1	4.67	2.78
Clearfield	3,600	61.1	861	103	27	116	9.40	32.9	108	--------	16.0	44.7	5.35	1.99
Columbia	2,648	76.8	1,332	287	178	270	14.96	29.6	185	--------	11.5	100.3	10.67	5.77

Dauphin	2,607	75.3	1,310	487	211	257	6.30	3.9	98	61	18.4	62.3	11.61	4.58
Huntingdon	2,014	146.4	898	311	125	193	6.57	14.2	57	----	14.3	104.4	16.41	2.34
Juniata	1,509	100.6	1,092	394	217	275	2.23	11.7	67	28	11.3	91.1	16.11	2.60
Mifflin	1,076	118.9	1,403	559	192	342	3.09	1.5	71	----	16.7	80.8	7.56	3.34
Montour	767	91.9	1,440	418	302	472	20.30	14.4	84	----	13.1	53.3	14.90	3.17
Northumberland	2,527	77.4	1,117	296	221	290	15.35	8.9	108	----	9.1	88.8	13.84	4.25
Perry	2,030	103.6	1,054	462	174	271	5.49	12.5	64	----	11.8	73.5	9.79	2.35
Snyder	1,713	81.4	1,422	449	226	363	10.53	14.7	138	7	14.6	98.4	20.34	2.80
Union	1,370	72.9	1,371	479	277	332	3.34	3.7	120	----	14.9	71.7	12.34	2.02
CENTRAL	28,182	88.2	1,190	339	159	262	8.82	17.0	113	8	14.6	90.1	11.43	3.55
Carbon	934	87.0	1,273	140	62	142	39.48	20.8	292	----	11.6	104.0	29.96	13.69
Lehigh	2,638	59.1	1,953	348	222	141	14.93	.5	706	----	13.7	81.6	18.47	6.18
Luzerne	2,842	66.5	1,297	118	45	96	11.83	8.9	246	----	15.5	223.4	10.18	7.21
Monroe	1,498	88.7	926	142	41	130	30.63	30.8	133	----	13.3	66.1	2.57	3.87
Northampton	3,146	52.2	1,266	272	164	192	17.28	1.9	214	----	15.2	51.9	6.59	4.88
Pike	713	170.1	411	42	4	49	7.57	10.6	52	----	8.1	89.8	.97	3.28
Schuylkill	2,701	68.0	1,660	236	112	194	24.38	7.1	507	----	16.7	101.0	9.50	14.09
EAST CENTRAL	14,472	71.1	1,394	216	114	148	19.44	8.6	316	----	14.5	106.8	10.82	7.68
Allegheny	4,236	56.0	637	127	36	106	1.98	.5	32	----	11.9	57.9	36.33	4.42
Fayette	3,557	76.0	712	149	42	162	1.32	9.3	51	----	12.1	24.8	12.32	1.64
Greene	2,915	109.8	727	150	20	117	.22	.3	18	----	16.9	33.1	18.43	1.23
Somerset	3,896	110.2	1,219	210	38	324	4.30	34.9	183	----	22.2	93.2	3.26	2.51
Washington	4,441	100.4	992	174	46	193	1.01	.3	25	----	26.2	49.4	26.49	1.90
Westmoreland	5,258	81.6	1.076	244	63	206	3.86	5.0	46	----	18.9	55.0	19.36	1.94
SOUTHWESTERN	24,303	87.7	912	180	43	188	2.27	8.2	59	----	18.3	53.6	19.90	2.33
Adams	3,557	75.4	1,522	509	343	113	8.40	4.1	39	----	18.9	441.2	34.97	4.79
Bedford	3,570	123.5	892	247	97	139	10.97	24.3	74	----	9.8	178.5	7.19	2.46
Cumberland	3,022	79.6	1,803	651	371	286	18.11	.1	91	----	19.1	105.6	13.31	4.53
Franklin	3,877	89.7	1,686	642	412	67	26.84	1.0	85	----	14.4	282.1	48.24	5.75
Fulton	1,284	126.8	945	408	185	70	8.90	30.2	49	----	8.1	129.1	22.09	2.12
York	7,903	62.6	1,415	493	303	126	6.70	2.0	121	140	16.1	87.3	13.39	5.29
SOUTH CENTRAL	23,213	84.2	1,421	498	298	134	12.59	6.9	87	48	15.2	192.8	22.04	4.58
Berks	5,965	64.2	1,526	445	218	252	19.52	.3	164	35	20.6	88.0	17.16	6.20
Bucks	5,808	53.0	1,068	323	108	136	15.38	2.8	113	----	19.1	46.1	16.99	6.51
Chester	5,249	75.3	1,547	579	199	160	1.49	.2	115	160	26.8	59.8	12.82	5.55
Delaware	910	58.6	1,287	443	63	95	1.14	----	99	----	20.4	85.9	14.88	12.46
Lancaster	11,457	45.5	1,434	456	239	48	1.38	.2	78	3,455	15.2	31.6	5.77	3.71
Lebanon	2,429	67.3	1.620	605	248	266	4.21	.3	131	219	22.5	60.2	12.88	3.88
Montgomery	4,250	48.1	1,019	399	111	113	11.89	.9	69	----	17.3	50.8	15.49	11.35
Philadelphia	381	41.9	964	259	48	6	1.89	----	230	----	1.8	10.2	8.90	7.93
SOUTHEASTERN	36,449	56.1	1,363	452	188	134	8.01	.7	108	1,129	19.2	52.5	11.50	5.99
PENNSYLVANIA	200.443	81.3	$1,126	285	117	177	7.42	18.0	111	217	19.0	84.8	12.46	3.73

TABLE 106—Truck Crops For Shipment: Estimated Commercial Acreage, Production and Value, Pennsylvania, 1918-1927

Year	Acreage	Yield per acre	Production	Average price[1]	Farm value
ASPARAGUS FOR TABLE					
		Crates[2]	Crates[2]	Per crate	
1918	680	78	53,000		
1919	700	74	52,000	$6.50	$338,000
1920	710	70	50,000	7.50	375,000
1921	720	68	49,000	4.25	208,000
1922	700	78	55,000	7.20	396,000
1923	750	65	49,000	4.28	210,000
1924	800	72	58,000	4.62	268,000
1925	1,000	55	55,000	3.53	194,000
1926	1,000	68	68,000	2.74	186,000
1927	1,000	45	45,000	3.22	145,000
TOTAL CABBAGE, INCLUDING FOR KRAUT					
		Tons	Tons	Per ton	
1918	2,760	9.0	24,800		
1919	2,740	8.0	21,900	20.00	438,000
1920	2,905	10.3	29,900	12.00	359,000
1921	2,720	6.0	16,300	31.55	514,000
1922	2,800	8.0	22,400	15.22	341,000
1923	2,750	5.0	13,800	23.84	329,000
1924	1,680	9.0	15,100	10.00	151,000
1925	1,940	10.0	19,400	21.78	423,000
1926	1,740	9.1	15,800	20.19	319,000
1927	1,300	11.6	15,100	20.33	307,000
DOMESTIC CABBAGE[3]					
1921	1,360	7.8	10,600	27.50	292,000
1922	1,400	8.5	11,900	7.53	90,000
1923	1,380	5.5	7,600	17.75	135,000
DANISH CABBAGE					
1921	1,360	4.2	5,700	38.52	220,000
1922	1,400	7.5	10,500	23.89	251,000
1923	1,370	4.5	6,200	31.37	194,000
CELERY					
		Crates[4]	Crates[4]	Per crate	
1918	200	300	60,000	2.67	160,000
1919	180	360	65,000	3.33	216,000
1920	180	330	59,000	4.00	236,000
1921	200	357	71,000	3.00	213,000
1922	200	315	63,000	2.21	139,000
1923	400	290	116,000	1.53	177,000
1924	380	337	128,000	2.67	342,000
1925	380	294	112,000	1.11	124,000
1926	260	337	88,000	1.46	128,000
1927	280	289	81,000	1.42	115,000

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[1] Average price paid to growers during season.
[2] Containing 24 pounds.
[3] Includes some commercial production consumed in manufacture of kraut.
[4] New York crate two-thirds size.

TABLE 106—Truck Crops For Shipment—Concluded

LETTUCE

Year	Acreage	Yield per Acre	Production	Average[1] price	Farm value
		Crates [5]	Crates [5]	Per crate	
1918	50	142	7,000	$2.88	$20,000
1919	50	132	7,000	3.84	27,000
1920	60	132	8,000	3.08	25,000
1921	60	192	12,000	4.46	54,000
1922	60	162	10,000	1.80	18,000
1923	60	150	9,000	2.00	18,000
1924	70	75	5,000	2.17	11,000
1925	70	152	11,000	2.50	28,000
1926	80	150	12,000	1.24	15,000
1927	80	131	10,000	1.50	15,000

ONIONS

Year	Acreage	Yield per Acre	Production	Average price	Farm value
		Bushels	Bushels	Per bu.	
1918	250	283	71,000	------	------
1919	330	300	99,000	1.62	160,000
1920	350	350	123,000	.32	39,000
1921	340	270	92,000	2.00	184,000
1922	350	380	133,000	.68	90,000
1923	280	200	56,000	1.42	80,000
1924	250	325	81,000	.88	71,000
1925	190	278	53,000	1.61	85,000
1926	180	275	50,000	.95	48,000
1927	180	300	54,000	.75	40,000

STRAWBERRIES

Year	Acreage	Yield per Acre	Production	Average price	Farm value
		Quarts	Quarts	Per qt.	
1918	2,920	1,560	4,555,000	------	------
1919	3,070	1,440	4,421,000	.25	1,105,000
1920	3,100	1,560	4,836,000	.23	1,112,000
1921	3,140	1,920	6,029,000	.25	1,507,000
1922	2,920	1,800	5,256,000	.20	1,051,000
1923	3,200	2,300	7,360,000	.19	1,398,000
1924	3,250	1,600	5.200,000	.18	936,000
1925	3,100	1,200	3,720,000	.21	781,000
1926	3,100	1,500	4,650,000	.18	837,000
1927	3,260	2,040	6,650,000	.15	998,000

TOMATOES FOR TABLE

Year	Acreage	Yield per Acre	Production	Average price	Farm value
		Bushels	Bushels	Per bu.	
1918	3,670	125	459,000	------	------
1919	980	129	126,000	1.41	178,000
1920	1,570	178	279,000	1.69	472,000
1921	590	178	105,000	1.09	114,000
1922	2,140	214	458,000	1.76	806,000
1923	1,680	143	40,000	2.00	480,000
1924	1,350	186	251,000	1.25	314,000
1925	2,570	214	550,000	.81	445,000
1926	370	107	40,000	.59	24,000
1927	420	178	75,000	.60	45,000

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[5] Western crate of 4 dozen heads.

TABLE 107—Truck Crops For Canning and Manufacture: Estimated Commercial Acreage, Production and Value, Pennsylvania, 1918-1927

Year	Acreage	Yield per acre	Production	Average price [1]	Farm value
		Tons	Tons	Per ton	
SNAP BEANS					
1918	460	1.9	900		
1919	410	2.4	1,000	$57.09	$57,000
1920	200	1.4	300	57.49	17,000
1921	130	2.2	300	57.43	17,000
1922	240	2.2	500	40.00	20,000
1923	430	2.0	900	40.00	36,000
1924	480	2.6	1,200	45.00	54,000
1925	1,320	2.0	2,600	48.75	127,000
1926	1,010	1.2	1,200	41.83	50,000
1927	890	1.6	1,400	50.98	71,000
SWEET CORN					
1918	5,060	1.8	9,100		
1919	3,970	2.2	8,700	18.50	161,000
1920	3,430	2.2	7,500	17.00	128,000
1921	1,120	2.7	3,000	14.00	42,000
1922	2,260	2.4	5,400	10.00	54,000
1923	2,580	1.9	4,900	11.33	56,000
1924	3,200	2.0	6,400	17.72	113,000
1925	6,850	3.6	24,700	18.93	468,000
1926	4,840	2.0	9,700	13.00	126,000
1927	2,800	1.3	3,600	12.00	43,000
GREEN PEAS					
1918	1,170	1.0	1,200		
1919	900	1.0	900	60.00	54,000
1920	340	.8	300	58.00	17,000
1921	290	1.4	400	60.00	24,000
1922	360	.8	300	64.00	19,000
1923	510	1.0	500	56.67	28,000
1924	1,280	1.0	1,300	60.00	78,000
1925	1,690	.5	800	60.00	48,000
1926	1,400	.9	1,300	58.89	77,000
1927	1,320	1.4	1,800	58.00	104,000
TOMATOES					
1918	3,670	3.5	12,800		
1919	2,280	3.6	8,200	20.86	171,000
1920	2,360	6.9	16,300	23.20	378,000
1921	890	4.8	4,300	11.83	51,000
1922	2,140	5.4	11,600	11.20	130,000
1923	3,300	4.8	15,800	12.74	201,000
1924	2,500	4.6	11,500	14.98	172,000
1925	4,780	5.4	25,800	16.00	413,000
1926	3,370	3.0	10,100	13.40	135,000
1927	3,740	5.0	18,700	14.24	266,000

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[1] Average price paid to growers during season.

TABLE 108—Normal Packing Season for Various Fruits and Vegetables, Pennsylvania

Fruits	Packing season	Vegetables	Packing season
Apples	July 1 to December 1	Asparagus	April 25 to June 1
Blackberries	July 15	Beets	June 1 to August 15
Cherries	August 17 to September 20	Cabbage (Kraut)	October 1 to December 1
Currants	July 1	Corn, Sweet	August 1 to September 1
Pears	September 1 to October 1	Lima beans	August 20 to September 15
Raspberries	July 1	Peas	June 1 to July 10
Strawberries	June 1 to July 1	Pumpkin	September 15 to November 10
		Rhubarb	May 1 to June 1
		Spinach	May 20 and July 1
		Tomatoes	July 1 to October 30

TABLE 109—Commercial Truck Crops: Total Value, United States,[1] by States, 1918-1926

State	1918	1919	1920	1921	1922	1923	1924	1925	1926
	1,000 dolls.	1,000 dolls.	1,000 dolls.	1,000 dolls.	1,000 dolls.	1,000 dolls.	1,000 dolls.	1,000 dolls.	1,000 dolls.
TOTAL	239,263	246,947	304,599	230,098	292,809	322,188	308,625	341,243	326,617
Alabama	2,211	1,591	1,977	2,032	4,295	3,669	3,524	3,247	3,714
Arizona	941	1,395	942	1,110	1,109	1,576	2,439	3,430	5,589
Arkansas	3,464	4,901	4,851	4,690	4,886	3,236	4,779	3,832	5,553
California	35,246	41,589	40,011	33,813	55,556	65,451	48,397	55,114	59,089
Colorado	3,525	3,892	4,260	4,219	6,100	6,278	4,969	8,311	6,792
Delaware	6,866	3,380	4,211	2,677	4,437	5,796	3,329	3,698	2,403
Florida	20,123	26,531	31,518	30,550	40,528	40,389	39,081	35,320	35,470
Georgia	2,167	2,338	3,087	5,359	5,917	3,610	3,262	4,918	3,943
Idaho	45	70	108	302	726	822	465	787	323
Illinois	4,890	4,944	6,414	3,940	5,949	6,294	6,816	7,793	4,883
Indiana	8,081	7,515	7,864	5,603	7,370	7,648	7,452	12,323	6,995
Iowa	3,346	3,763	4,022	2,250	3,005	3,711	2,781	4,983	2,974
Kansas	818	868	3,129	1,398	1,125	1,713	2,184	2,399	2,377
Kentucky	3,349	2,986	3,471	2,509	3,696	3,619	3,094	3,308	2,295
Louisiana	4,429	4,035	6,191	6,849	6,209	7,341	8,944	8,643	14,570
Maine	1,342	1,932	1,482	901	814	1,146	1,242	1,610	1,397
Maryland	19,192	11,342	14,353	7,822	11,532	15,600	12,262	14,551	12,592
Massachusetts	2,578	1,631	1,178	1,814	878	1,913	1,107	1,656	1,083
Michigan	6,146	6,768	6,643	6,033	5,341	5,824	6,218	6,897	5,462
Minnesota	1,542	1,570	1,387	1,091	791	1,265	1,409	1,937	1,536
Mississippi	1,891	1,860	2,196	2,250	3,554	4,330	5,913	6,027	7,006
Missouri	3,392	4,896	4,932	3,569	4,439	3,675	5,575	9,938	5,414
Nebraska	231	298	720	530	785	446	221	457	243
Nevada	25	24	36	38	220	246	141	158	120
New Hampshire	22	52	48	34	43	64	83	95	52
New Jersey	18,593	18,669	24,327	19,855	20,017	20,439	25,766	24,651	20,738
New Mexico	193	294	661	181	281	421	742	1,096	726
New York	19,064	17,693	21,254	19,926	16,042	22,193	20,882	22,499	22,637
North Carolina	7,661	5,043	7,583	5,386	8,097	8,055	8,313	8,070	10,271
Ohio	6,162	6,841	6,986	5,607	5,655	6,577	6,313	6,625	4,396
Oklahoma	626	1,086	1,333	569	1,035	918	835	2,046	2,420
Oregon	1,796	2,098	2,254	2,323	1,412	1,281	2,136	2,203	2,060
PENNSYLVANIA	3,478	2,905	3,158	2,928	3,064	3,013	2,442	2,889	1,915
South Carolina	6,059	5,001	9,628	6,624	9,121	11,443	7,626	8,125	10,357
Tennessee	2,917	3,725	4,087	5,128	5,728	4,439	5,538	5,609	5,247
Texas	7,906	9,976	14,695	8,733	11,821	12,548	14,237	14,030	18,690
Utah	1,548	1,112	1,160	522	976	1,393	1,177	2,903	1,259
Vermont	126	138	94	63	78	110	140	136	121
Virgiana	17,445	22,235	35,585	16,628	19,801	21,169	22,376	22,827	19,215
Washington	2,056	2,900	2,794	3,072	2,817	3,838	3,172	3,671	3,550
Wisconsin	7,090	6,287	7,238	6,227	6,867	7,871	10,065	10,438	9,885
Wyoming					60	83	96	24	38
Canning crops	681	773	681	783	623	735	1,082	1,969	1,217

[1] Canning crops not included by States.

TABLE 110—Cars of Potatoes Received at Fifteen Pennsylvania Cities, Calendar Years, 1922-1926

City	Cars unloaded in cities specified					Carlot receipts, by States from which cars were shipped									
	1922	1923	1924	1925	1926	Penna.	Maine	N. Y.	N. J.	Va.	Mich.	Wis.	Minn.	Md.	All others
Total fifteen cities:															
1922	16,501					3,105	2,091	1,704	2,395	1,808	1,470	283	16	570	3,059
1923		16,974				2,236	1,581	1,876	1,641	2,136	2,169	998	367	572	3,398
1924			15,719			2,949	1,097	2,361	1,447	2,374	1,256	278	82	574	3,301
1925				15,337		3,427	2,098	2,499	663	2,395	599	142	22	420	3,072
1926					14,927	1,673	3,367	1,478	1,111	1,791	918	200	127	365	3,897
Allentown	66	124	111	80	119	----	4	6	34	23	----	----	----	20	32
Altoona	379	295	320	839	250	26	32	13	34	29	18	4	3	30	61
Bethlehem	36	37	40	15	67	4	7	7	10	23	----	----	2	8	6
Easton	48	89	89	51	93	----	13	3	11	27	1	----	2	12	24
Erie	89	103	114	81	121	6	6	2	5	51	8	1	----	17	25
Harrisburg	338	352	329	210	199	19	23	6	25	26	4	----	1	20	75
Johnstown	208	183	308	240	230	3	20	10	38	26	63	1	1	7	61
Lancaster	38	95	73	54	49	2	15	4	----	5	5	----	----	----	18
Philadelphia	8,029	8,519	8,272	8,698	8,156	1,306	2,442	663	387	962	44	34	29	138	2,151
Pittsburgh	5,009	4,906	4,033	3,897	3,609	184	566	308	375	312	713	140	68	30	913
Reading	166	287	209	101	110	14	10	3	16	33	2	----	----	5	27
Scranton	1,171	1,158	976	893	1,042	56	117	307	90	151	41	14	7	43	206
Wilkes-Barre	782	734	731	615	783	48	108	141	83	96	16	6	4	27	254
Williamsport	91	68	71	42	74	4	1	5	3	22	1	----	----	5	33
York	51	24	43	21	25	1	3	----	----	5	2	----	----	3	11

TABLE 111—Cars of Apples Received at Fifteen Pennsylvania Cities, Calendar Years 1922-1926

City	Cars unloaded in cities specified					Carlot receipts, by States from which cars were shipped									
	1922	1923	1924	1925	1926	Penna.	N. Y.	Wash.	Va.	Del.	W. Va.	Md.	Mich.	Idaho	All others
Total fifteen cities:															
1922	6,326	----	----	----	----	397	2,896	1,742	84	459	156	133	51	79	329
1923	----	7,434	----	----	----	840	2,544	2,111	464	423	327	234	113	89	289
1924	----	----	6,872	----	----	519	2,496	1,982	652	387	217	189	40	62	328
1925	----	----	----	5,833	----	449	2,381	1,538	438	427	150	150	22	65	213
1926	----	----	----	----	6,117	567	2,232	1,894	421	374	204	203	19	26	177
Allentown	34	67	85	60	36	21	8	6	----	----	----	----	----	----	1
Altoona	84	126	163	107	82	7	33	27	----	12	----	2	----	----	1
Bethlehem	5	77	50	86	66	13	39	4	3	1	----	2	----	----	4
Easton	8	19	21	25	44	11	18	7	1	----	----	1	----	----	6
Erie	50	94	62	26	74	4	53	6	----	9	----	----	1	----	1
Harrisburg	46	55	66	16	86	10	5	9	----	----	1	1	----	----	----
Johnstown	69	160	86	69	69	17	11	7	3	3	12	----	----	----	16
Lancaster	51	44	40	32	3	3	----	----	----	----	----	----	----	----	----
Philadelphia	2,439	3,256	2,996	2,510	2,622	307	473	1,125	317	182	53	100	----	6	59
Pittsburgh	3,020	3,005	2,799	2,570	2,628	106	1,403	647	78	101	109	73	18	20	73
Reading	34	64	57	48	11	8	3	----	----	----	----	----	----	----	----
Scranton	217	316	252	142	201	42	103	30	16	20	26	19	----	----	5
Wilkes-Barre	130	127	157	113	153	12	61	20	3	42	3	5	----	----	7
Williamsport	21	13	30	18	41	6	22	6	----	3	----	----	----	----	4
York	18	11	8	11	1	----	----	----	----	1	----	----	----	----	----

TABLE 112—Cars of Certain Fruits and Vegetables Received at Fifteen Pennsylvania Cities, Calendar Years, 1924-1926

City	PEACHES			GRAPES			CABBAGE			CELERY		
	1924	1925	1926	1924	1925	1926	1924	1925	1926	1924	1925	1926
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
Cars received at 15 cities	2,803	2,673	3,538	8,309	9,396	9,325	4,229	4,038	4,034	2,431	2,585	2,423
From other States	2,701	2,636	3,394	8,080	9,334	9,094	4,097	3,802	3,839	2,279	2,499	2,284
From Pennsylvania	102	37	144	229	62	231	132	236	195	152	86	139
Allentown	28	24	29	101	125	135	49	41	38	27	40	32
Altoona	92	91	101	126	149	108	111	89	74	104	99	76
Bethlehem	12	2	34	136	119	244	25	17	29	21	28	13
Easton	25	28	45	20	22	36	10	9	15	28	22	32
Erie	59	48	67	36	61	39	19	19	26	22	24	25
Harrisburg	53	77	108	70	109	77	101	97	102	14	35	29
Johnstown	57	40	81	162	186	208	17	11	14	15	9	13
Lancaster	10	5	16	12	8	4	41	26	7	0	1	0
Philadelphia	1,093	991	1,295	4,074	4,956	4,630	2,217	2,243	2,049	1,186	1,342	1,281
Pittsburgh	841	914	1,095	2,569	2,979	3,007	1,191	1,101	1,303	822	798	758
Reading	53	57	61	63	59	71	60	55	54	15	29	19
Scranton	210	188	245	467	372	435	156	134	123	123	124	115
Wilkes-Barre	212	153	271	454	227	305	198	170	167	35	22	19
Williamsport	36	38	50	15	23	23	27	20	32	16	9	10
York	22	17	40	4	1	3	7	6	1	3	3	1
	PEARS			LETTUCE			ONIONS			TOMATOES		
Cars received at 15 cities	1,454	1,632	1,645	3,490	3,757	4,129	3,591	3,501	3,489	3,052	2,927	2,599
From other States	1,428	1,628	1,642	3,474	3,648	4,122	3,544	3,492	3,473	3,052	2,926	2,599
From Pennsylvania	26	4	3	16	0	7	47	9	16	0	1	0

TABLE 113—Cars of Fruits and Vegetables Inspected at Receiving Points, Pennsylvania, Years Ended June 30, 1919-1926

[U. S. Department of Agriculture]

Points	Number of cars inspected during crop movement season							
	1919	1920	1921	1922	1923	1924	1925	1926
TOTAL	739	1,665	5,634	7,763	9,734	5,803	3,222	3,013
Erie	------	------	------	------	------	16	------	------
Harrisburg	------	------	------	------	27	46	25	25
Philadelphia	247	429	1,740	3,351	5,196	3,358	1,057	1,086
Pittsburgh	492	1,236	3,894	4,412	4,375	2,227	1,981	1,730
Scranton[1]	------	------	------	------	136	156	159	172

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[1]Included inspections at Wilkes-Barre.

TABLE 114—Cars of Apples, Peaches and Potatoes Officially Inspected[1] before Shipment, Pennsylvania, Years Ended June 30, 1924-1927

[Bureau of Markets, Pennsylvania Department of Agriculture]

Crop movement season	Inspection points	Number of cars inspected				Grading U. S. No. 1 or Fancy		
		Total	Apples	Peaches	Potatoes	Apples	Peaches	Potatoes
						P. ct.	P. ct.	P. ct.
1923–'24	8	238	234	------	4	71	------	60
1924–'25	10	196	109	72	15	64	84	52
1925–'26	12	331	304	------	27	79	------	62
1926–'27	63	1,668	1,083	435	150	78	75	31

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[1]Federal-State cooperative shipping point inspection.

TABLE 115—Cars of Fruits and Vegetables Shipped, Pennsylvania, Calendar Years, 1917-1926

Year	Apples	Cabbage	Celery	Grapes	Lettuce	Onions	Peaches	Pears	Potatoes	Tomatoes
	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars	Cars
1917	781	94	143	801	34	72	879	30	2,676	9
1918	1,659	160	199	367	32	77	257	6	2,691	53
1919	1,349	383	33	881	8	118	366	10	3,538	390
1920	2,936	239	186	1,223	23	80	397	28	5,197	41
1921	919	301	224	390	36	164	59	----	5,100	24
1922	1,789	406	212	1,558	34	114	268	6	5,138	12
1923	3,562	317	223	847	25	109	615	48	3,647	3
1924	1,971	409	225	1,166	17	56	448	36	4,308	287
1925	2,449	552	208	589	18	70	204	11	6,379	331
1926	3,768	509	194	1,350	36	66	826	26	2,842	90

TABLE 116—Monthly Carlot Shipments of Potatoes and Apples from Pennsylvania Points of Origin, Crop Years, 1917-1926

Crop movement season	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Total
APPLES:														
1917-'18	------	12	36	526	145	62	28	42	18	39	5	------	------	913
1918-'19	25	39	253	839	247	124	143	73	45	6	------	------	------	1,794
1919-'20	2	14	170	609	121	76	93	62	21	3	5	------	------	1,266
1920-'21	29	47	222	1,424	664	366	292	256	152	9	1	------	------	3,462
1921-'22	------	1	72	119	10	7	7	15	9	2	------	------	------	242
1922-'23	19	23	270	849	375	220	177	71	21	17	8	------	------	2,050
1923-'24	20	30	382	1,611	933	292	303	288	143	19	9	3	------	4,033
1924-'25	4	5	67	630	337	163	240	152	74	21	13	------	------	1,706
1925-'26	17	52	333	982	342	223	216	176	102	31	12	------	------	2,486
1926-'27[1]	7	28	314	1,544	1,006	332	509	512	323	62	------	------	------	-----

Carlot movement percentages, average of crop year, 1917-'25:

	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Total
Monthly	10.6	1.2	10.1	42.8	17.7	8.5	8.4	6.3	3.3	0.8	0.3	------	------	-----
Cumulative	0.6	1.8	11.9	54.7	72.4	80.9	89.3	95.6	98.9	99.7	100.0	------	------	-----

Crop movement season	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Total
POTATOES:														
1917-'18	------	16	371	1,051	578	257	347	299	**286**	**377**	**125**	**20**	------	**3,727**
1918-'19	------	14	264	489	309	161	175	158	192	240	116	1	------	2,119
1919-'20	------	80	549	743	964	320	351	236	274	151	71	3	------	6,723
1920-'21	2	17	390	1,357	1,924	421	561	423	734	577	299	15	3	6,723
1921-'22	------	69	436	1,147	588	248	413	286	211	121	36	1	1	3,554
1922-'23	------	124	893	1,432	1,176	444	492	290	496	318	74	10	2	5,751
1923-'24	------	31	178	584	884	288	534	393	428	468	259	45	------	4,092
1924-'25	1	5	372	745	707	351	450	483	328	317	172	14	3	3,948
1925-'26	------	102	1,034	1,937	998	541	535	282	347	184	58	9	------	6,027
1926-'27[1]	------	7	113	439	454	206	330	318	344	138	------	------	------	-----

Carlot movement percentages, average of crop year, 1917-'25:

	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	June	July	Total
Monthly	1.2	11.3	23.9	20.5	7.6	9.7	7.2	8.3	7.0	3.0	0.3	------	-----
Cumulative	1.2	12.5	36.4	56.9	64.5	74.2	81.4	89.7	96.7	99.7	100.0	------	-----

[1] Preliminary, subject to correction for late reports.

TABLE 117—Mushrooms: Number of Farms Reporting and Value of Production, United States, by States, 1919

[U. S. Bureau of the Census]

State	Farms growing	Value of mushrooms	State	Farms growing	Value of mushrooms
UNITED STATES	52	$319,911	Michigan	2	20,250
			Wisconsin	2	60
			Minnesota	2	$500
			Iowa	3	101
Connecticut	1	272	Missouri	5	1,690
New York	1	360	Florida	1	30
PENNSYLVANIA	21	285,284	Kentucky	1	20
Ohio	1	500	Colorado	1	600
Indiana	3	1,229	Utah	1	125
Illinois	6	8,690	California	1	200

TABLE 118—Estimated Aggregate Acreage of 19 Principal Crops[1] and Theoretical Acreage of all Crops, United States, by States, 1924-1926

State	Acreage of 19 crops			Per cent of total acreage in 19 crops[2]	Acreage of all crops (theoretical)		
	1924	1925	1926		1924	1925	1926
	1,000 acres	1,000 acres	1,000 acres	P. ct.	1,000 acres	1,000 acres	1,000 acres
UNITED STATES	342,155	346,690	349,659	93.8	365,467	370,362	373,972
Maine	1,592	1,592	1,591	96	1,658	1,658	1,657
New Hampshire	523	523	523	94	556	556	556
Vermont	1,141	1,141	1,141	93	1,227	1,227	1,227
Massachusetts	573	573	575	86	666	666	669
Rhode Island	61	61	62	84	73	73	74
Connecticut	480	481	479	88	545	547	544
New York	7,868	7,841	7,638	91	8,648	8,616	8,393
New Jersey	720	708	686	86	837	823	798
PENNSYLVANIA	7,186	7,314	7,142	97	7,408	7,540	7,363
Ohio	10,541	10,751	10,649	97	10,867	11,084	10,978
Indiana	10,694	10,878	10,915	96	11,140	11,331	11,370
Illinois	19,721	20,196	20,014	97	20,331	20,821	20,633
Michigan	8,344	8,322	8,237	93	8.972	8,948	8,857
Wisconsin	9,452	9,534	9,502	90	10,502	10,593	10,558
Minnesota	17,899	17,923	17,940	96	18,645	18,670	18,687
Iowa	21,177	21,503	21,605	97	21,832	22,168	22,273
Missouri	13,970	14,505	13,851	96	14,552	15,109	14,428
North Dakota	20,192	20,452	19,344	96	21,033	21,304	20,150
South Dakota	15,762	15,918	13,415	98	16,084	16,243	13,689
Nebraska	19,649	19,674	19,872	97	20,257	20,282	20,487
Kansas	21,560	21,238	21,309	93	23,183	22,837	22,913
Delaware	341	344	346	89	383	387	389
Maryland	1,618	1,637	1,643	91	1,778	1,799	1,805
Virginia	4,036	4,208	4,249	93	4,340	4,525	4,569
West Virginia	1,633	1,794	1,745	95	1,719	1,888	1,837
North Carolina	6,668	6,821	7,027	94	7,094	7,256	7,476
South Carolina	5,011	5,076	5,072	92	5,447	5,517	5,513
Georgia	8,737	9,009	9,413	94	9,295	9,584	10,014
Florida	890	876	833	89	1,000	984	936
Kentucky	5,227	5,354	5,325	95	5,502	5,636	5,605
Tennessee	6,261	6,388	6,599	91	6,880	7,020	7,252
Alabama	7,091	7,287	7,520	93	7,625	7,835	8,086
Mississippi	5,777	6,046	6,302	96	6,018	6,298	6,565
Arkansas	6,473	6,994	7,074	93	6,960	7,520	7,606
Louisiana	3,711	3,943	4,018	91	4,078	4,333	4,415
Oklahoma	14,207	14,518	15,503	93	15,276	15,611	16,670
Texas	26,803	25,599	29,497	92	29,134	27,825	32,062
Montana	6,501	6,688	7,006	87	7,472	7,687	8.053
Idaho	2,472	2,579	2,616	91	2,716	2,834	2,875
Wyoming	1,562	1,638	1,686	90	1,736	1,820	1,873
Colorado	5,526	5,412	5,803	85	6,501	6,367	6,827
New Mexico	1,166	841	1,211	78	1,495	1,078	1,553
Arizona	475	470	514	85	559	553	605
Utah	911	992	987	88	1,035	1,127	1,122
Nevada	361	421	402	98	368	430	410
Washington	3,198	3,486	3,491	86	3,719	4,053	4,059
Oregan	2,428	2,674	2,702	80	3,035	3,343	3,378
California	3,966	4,467	4,585	75	5,288	5,956	6,113

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[1] The combined acreage of corn, wheat, oats, barley, rye, buckwheat, potatoes, sweet potatoes, tobacco, all hay, flax, rice, cotton, peanuts, grain sorghums, beans, broomcorn, hops and cranberries; only the ten first mentioned are included in the calculations for Pennsylvania.

[2] Based on census proportions in 1919.

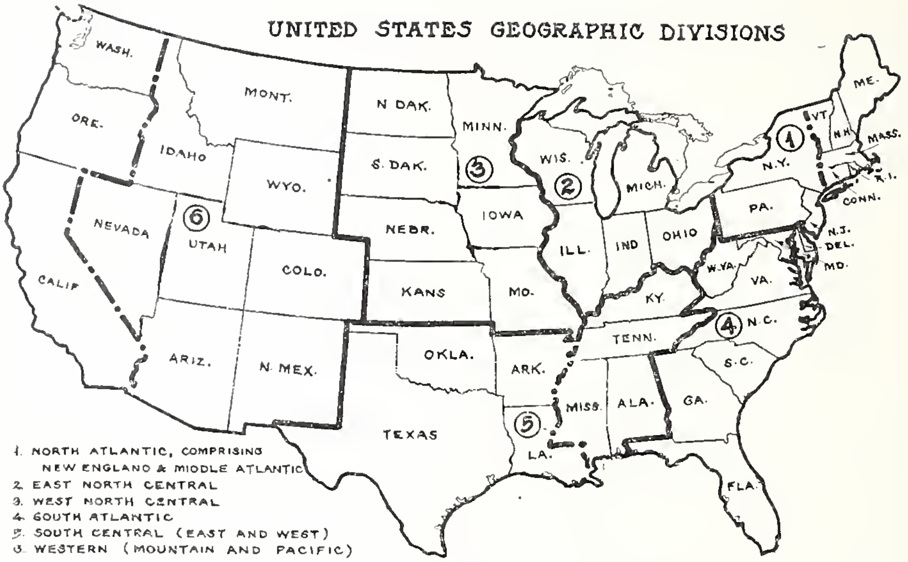

FIG. 22—The United States is divided into six main agricultural regions and three of these sub-divided as indicated on the map. The region east of the Mississippi is one of humid climate farming based upon tilled crops, small grains, tame hay and pasture. The East is divided largely on the basis of temperature and crops grown, precipitation being usually sufficient. The West is principally a region of wild hay and grazing, dry farming and irrigation farming and is divided according to rainfall and topography. The average elevation of the eastern half of the United States is less than 1,000 feet; that of the western half, over 4,000 feet

TABLE 119—Relative Importance or Weight of Each Geographic Division in Crops[1] and Farm Livestock,[2] United States

Sum of division weights equals 100

Item	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	South Central	Western
Total area[3]	2.1	3.3	8.3	17.2	9.0	20.5	39.6
Land in farms[3]	1.7	4.1	12.2	26.8	9.6	25.5	20.1
Crops:[1]							
Corn	0.4	3.4	28.6	38.9	8.6	18.8	1.3
Winter wheat	----------	4.7	21.1	35.0	5.8	19.0	14.4
Spring wheat	0.1	0.1	1.8	56.4	----------	----------	41.6
All wheat	----------	3.6	16.3	40.3	4.4	14.3	21.1
Oats	0.8	5.7	33.1	40.8	3.3	11.7	4.6
Barley	0.1	2.9	20.4	39.9	0.7	7.0	29.0
Rye	----------	6.7	26.9	46.8	7.0	3.9	8.7
Buckwheat	3.2	57.9	14.6	11.6	11.2	1.5	----------
Flaxseed	----------	----------	0.7	95.2	----------	----------	4.1
Rice	----------	----------	----------	1.5	0.4	78.7	19.4
Grain sorgbums	----------	----------	----------	20.7	----------	72.1	7.2
Cotton lint	----------	----------	----------	1.4	20.7	76.2	1.7
Tame hay	5.2	12.3	23.2	21.8	4.6	8.5	24.4
Clover alone	1.8	10.4	38.5	31.2	3.6	7.3	7.2
Timothy alone	5.6	26.4	37.6	17.4	4.8	3.7	4.5
Clover and timothy mixed	10.5	24.9	34.4	16.7	4.5	3.7	5.3
All clover and timothy	7.1	21.7	36.3	20.5	4.3	4.6	5.5
Alfalfa hay	0.2	2.6	12.3	26.3	0.7	3.5	54.4
Annual legume hay	----------	0.7	19.2	8.7	32.9	38.5	----------
Grains cut green	1.9	1.4	3.6	28.0	3.8	7.0	54.3
All other hay	15.8	9.6	9.7	16.8	6.1	31.6	10.4

[1] Based on estimated production in 1926.

[2] Based on estimated numbers on farms, January 1, 1927.

[3] 1925 U. S. Census.

TABLE 119—Relative Importance of Each Geographic Division—Concluded

Item	New England	Middle Atlantic	East North Central	West North Central	South Atlantic	South Central	Western
Wild hay	0.6	1.3	4.2	61.6	1.2	9.6	21.5
All hay	4.8	11.1	21.2	26.0	4.2	8.6	24.1
Clover seed	----------	2.5	53.9	28.1	3.1	0.6	11.8
Beans, dry edible	0.8	6.7	39.0	0.7	----------	----------	52.8
Soy beans (grain only)	----------	----------	40.3	14.0	33.6	12.1	----------
Peanuts	----------	----------	----------	----------	72.3	27.7	----------
Cowpeas (grain only)	----------	----------	8.3	2.8	49.0	39.9	----------
White potatoes	13.0	16.4	21.4	17.5	10.0	5.4	16.3
Sweet potatoes	----------	3.1	2.5	2.3	39.1	51.1	1.9
Tobacco	2.9	3.5	6.5	0.4	50.3	36.4	----------
Apples, total crop	4.4	25.0	14.6	5.0	18.3	7.3	25.4
Apples, commercial crop	8.1	21.1	10.7	3.1	17.5	2.1	37.4
Peaches	0.9	11.3	10.6	3.1	23.4	14.3	36.4
Pears	0.6	13.6	9.7	2.9	7.9	6.4	58.9
Grapes	0.1	5.7	4.3	1.0	0.8	0.9	87.2
Livestock on farms:[2]							
Horses and colts	1.7	5.3	20.0	36.5	4.7	15.9	15.9
Mules and mule colts	----------	1.1	5.3	15.1	17.6	57.1	3.8
Milk cows, 2 years and over	3.5	10.5	24.8	27.6	7.5	17.2	8.9
Milk heifers, 1 to 2 years	3.1	7.8	23.4	30.1	7.1	18.1	10.4
All cattle and calves	1.9	5.7	16.3	30.3	6.6	22.0	17.2
Swine, including pigs	0.5	2.0	22.8	49.9	7.4	13.1	4.3
Sheep, including lambs	0.5	2.1	12.8	11.9	2.7	13.7	56.3

TABLE 120—Leading Fifty Counties in Value of Crops and Livestock Products, United States, 1919.

[U. S. Bureau of the Census]

County	Value of crops and livestock products [1]	Number of farms	County	Value of crops and livestock products [1]	Number of farms
1 Los Angeles, Cal	$71,579,899	12,444	26 Weld, Colo.	23,203,475	5,765
2 Fresno, Cal	55,110,101	8,917	27 Dodge, Wis.	23,049,660	4,633
3 Aroostook, Me.	54,376,256	6,741	28 Stanislaus, Cal.	22,758,641	4,566
4 San Jqaquin, Cal.	41,191,240	4,500	29 Hartford, Conn.	22,751,488	4,700
			30 Williamson, Tex.	22,324,436	4,598
5 LANCASTER, PA.	40,776,212	11,307	31 Chautauqua, N. Y.	22,316,250	7,100
6 Yakima, Wash.	34,741,710	5,755	32 CHESTER, PA.	22,261,956	5,598
7 Tulare, Cal.	34,036,167	6,372			
8 Sonoma, Cal.	32,300,623	5,739	33 Sacramento, Cal.	21,981,958	2,975
9 Whitman, Wash.	31,921,047	2,957	34 Pitt, N. C.	21,486,117	5,937
10 Dane, Wis.	29,395,753	6,217	35 Otter Tail, Minn.	21,474,949	6,627
11 McLean, Ill.	29,161,454	4,309			
12 San Bernardino, Cal.	27,957,448	4,023	26 BERKS, PA.	21,447,279	6,080
13 Maricopa, Ariz.	26,819,662	3,930			
14 St. Lawrence, N. Y.	26,809,540	7,652	37 Erie, N. Y	21,294,818	7,486
15 Orange, Cal.	26,635,748	4,188	38 Spartanburg, S. C.	20,887,542	8,260
			39 Ellis, Tex.	20,375,681	5,774
16 YORK, PA.	26,600,746	7,818	40 Riverside, Cal.	20,253,304	3,949
			41 Imperial, Cal.	20,195,367	2,843
17 Santa Clara, Cal.	26,135,980	5,016	42 Fannin, Tex.	20,163,821	6,378
18 La Salle, Ill.	25,828,420	4,213	43 Steuben, N. Y.	19,938,904	6,132
19 Champaign, Ill.	25,619,290	3,666	44 Jefferson, N. Y.	19,918,631	5,151
20 Livingston, Ill.	24,153,905	3,726	45 Johnston, N. C.	19,842,510	7,026
21 Bolivar, Miss.	23,703,571	12,808	46 Delaware, N. Y.	19,832,943	4,613
22 Iroquois, Ill.	23,627,284	3,953	47 Marlboro, S. C.	19,419,921	4,477
23 Anderson, S. C.	23,528,158	8,910	48 Onondaga, N. Y.	19,395,595	5,652
24 Orangeburg, S. C.	23,427,879	8,558	49 Lamar, Tex.	19,305,636	6,831
25 Robeson, N. C.	23,389,828	6,564	50 Ventura, Cal.	19,160,414	1,543

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[1] Not including domestic animals sold and slaughtered.

TABLE 121—Estimated Aggregate Value of 22 Principal by States,

State	Value all crops, 1919 census [2]	Ratio value 22 crops to all crops in census 1919	Value 22 crops			
			1919 census	1924	1925	1926
	1,000 dols.	P. ct.	1,000 dols.	1,000 dols.	1,000 dols.	1,000 dols.
UNITED STATES	14,755,365	84.3	12,442,977	8,478,264	7.967,346	7,036,786
Maine	100,152	92	91,982	45,411	94,058	74,739
New Hampshire	23,510	79	18,479	14,250	16,960	15,504
Vermont	48,000	77	36,835	33,815	32,515	32,760
Massachusetts	53,701	68	36,601	29,884	3[illegible],271	30,438
Rhode Island	5,340	69	3,680	2,678	3,141	3,243
Connecticut	44,473	81	36,006	31,265	29,636	31,148
New York	417,047	77	321,598	228,566	253,944	219,847
New Jersey	87,484	70	61,273	36,051	42,096	37,184
PENNSYLVANIA	409,969	86	350,991	230,766	255,230	260,939
Ohio	607,038	87	526,943	273,875	271,039	260,939
Indiana	497,230	90	449,079	240,726	224,265	202,519
Illinois	864,738	92	797,893	510,568	426,812	358,760
Michigan	404,015	82	329,651	210,518	221,065	205,493
Wisconsin	445,348	81	360,404	236,110	272,921	243,659
Minnesota	506,020	89	450,327	373,612	331,135	291,037
Iowa	890,391	92	820,126	490,694	444,239	394,353
Missouri	559,048	89	496,261	293,924	278,604	246,020
North Dakota	301,783	92	278,315	329,578	259,106	175,438
South Dakota	311,007	93	288,376	228,414	174,230	110,190
Nebraska	519,730	95	491,338	349,288	300,670	244,470
Kansas	588,923	91	536,408	415,120	285,198	300,193
Delaware	23,059	72	16,516	11,822	12,604	10,456
Maryland	110,166	80	88,066	56,272	60,092	56,858
Virginia	292,824	85	247,463	151,596	140,066	146,289
West Virginia	96,537	81	78,143	54,497	61,350	60,490
North Carolina	503,229	87	438,892	278,282	294,931	285,082
South Carolina	437,122	82	360,025	143,215	135,934	117,056
Georgia	540,614	80	430,270	206,106	185,625	169,279
Florida	80,257	62	49,521	37,898	52,232	43,996
Kentucky	347,339	89	310,224	195,338	175.286	160,513
Tennessee	318,285	83	263,797	182,691	162,014	145,760
Alabama	304,349	81	246,271	182,205	188,521	141,571
Mississippi	336,207	83	278,539	178,192	244.250	159,989
Arkansas	340,813	83	283,175	195,789	191,506	158,765
Louisiana	206,182	71	147,290	104,510	140,989	95,574
Oklahoma	550,085	87	479,314	351,843	251,241	268,424
Texas	1,074,542	83	885,955	751,815	494,354	524,215
Montana	69,975	86	60,058	117,431	101,416	98,801
Idaho	126,495	88	111,940	73,009	103,687	82,611
Wyoming	30,271	88	26,528	23.651	27,630	26,791
Colorado	181,065	76	137,660	92,698	112,033	82,717
New Mexico	40,620	77	31,093	30,769	22,003	26,025
Arizona	42,481	84	35,478	28,138	27,578	21,716
Utah	58,067	70	40,901	22,267	33,040	25,766
Nevada	13,980	96	13,439	7,971	10,204	8,685
Washington	227,212	82	185,667	107,071	147,601	120,720
Oregon	131,885	75	99,095	59,417	76,779	67,350
California	589,757	54	315,091	227,360	261,605	229,894

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[1] Corn, wheat, oats, barley, rye, buckwheat, potatoes, sweet potatoes,
grain, sorghums, hops, oranges, peanuts, cranberries and apples. In Pennsyl
The prices used for computing the value of the 22 crops are for December 1.
involved in a price of that date as failing to represent the average price rece
The farm values based on these prices depart from farm values based upon wei
will be lower; in other years and for other crops they will be higher. In the
be determined.

[2] Does not include nursery and greenhouse products, nor forest products of

Crops[1] and Hypothetical Value of All Crops, United States, 1924-1926

Hypothetical value all crops			Rank							
1924	1925	1926	1919		1924		1925		1926	
			22 crops	All crops	22 crops	All crops	22 crops	All crops	22 crops	All crops
1,000 dols.	1,000 dols.	1,000 dols.								
10,043,355	9,531,495	8,415,778	------	------	------	------	------	------	------	------
49,360	102,237	81,238	32	33	35	37	32	33	32	33
18,038	21,468	19,625	45	45	45	45	45	45	45	45
43,916	42,227	42,545	39	40	38	39	40	40	38	39
43,947	48,928	44,762	40	39	41	38	38	38	40	38
3,881	4,552	4,700	48	48	48	48	48	48	48	48
38,599	36,588	38,454	41	41	39	41	41	41	39	40
296,839	329,797	285,516	17	16	15	13	14	8	14	11
51,501	60,137	53,120	35	35	37	36	37	37	37	37
268,333	296,779	259,836	15	17	14	15	13	13	13	13
314,799	311,539	299,930	5	4	11	12	10	12	8	10
267,473	249,183	225,021	10	13	12	16	17	18	16	16
554,965	463,926	389,957	3	3	2	2	3	4	3	4
256,729	269,591	250,601	16	18	18	18	18	17	15	15
291,494	336,940	300,814	13	14	13	14	9	7	11	9
419,789	372,062	327,008	9	11	5	6	4	5	5	7
533,363	482,869	428,645	2	2	3	3	2	3	2	2
330,252	313,038	276,427	6	7	9	10	8	11	9	12
358,237	281,637	190,693	23	25	8	9	12	16	17	20
245,606	187,344	118,484	20	23	16	19	23	25	27	28
367,672	316,495	257,337	7	10	7	8	5	9	10	14
456,176	313,404	329,882	4	6	4	4	7	10	4	5
16,419	17,506	14,522	46	46	46	46	46	46	46	46
70,340	75,115	71,072	33	32	33	33	35	36	35	35
178,348	164,784	172;105	25	26	25	25	27	28	22	24
67,280	75,741	74,679	34	34	34	34	34	34	34	34
319,864	339,001	327,680	11	12	10	11	6	6	6	6
174,652	165,773	142,751	14	15	26	26	28	27	26	26
257,632	232,031	211,599	12	9	19	17	21	20	18	17
64,126	84,245	70,961	37	36	36	35	36	34	36	36
219,481	196,951	180,352	19	19	21	23	22	23	19	21
220,110	195,198	175,614	24	22	22	22	24	24	23	22
224,944	232,742	174,779	26	24	23	21	20	19	24	23
214,689	294,277	192,758	22	21	24	24	16	14	20	18
235,890	230,730	191,283	21	20	20	20	19	21	21	19
147,197	198,576	134,611	28	28	29	27	26	22	29	27
404,417	288,783	308,533	8	8	6	7	15	15	7	8
905,801	595,607	631,584	1	1	1	1	1	1	1	1
136,548	117,926	114,885	36	37	27	28	31	30	28	29
82,965	117,826	93,876	30	31	31	31	30	31	31	31
26,876	31,398	30,444	44	44	43	44	42	43	41	43
121,182	147,412	108,838	29	29	30	30	29	29	30	30
39,960	28,575	33,799	43	43	40	40	44	44	42	42
33,498	32,831	25,852	42	42	42	42	43	42	44	44
31,810	47,200	36,809	38	38	44	43	39	39	43	41
8,303	10,629	9,047	47	47	47	47	47	47	47	47
130,587	180,001	147,220	27	27	28	29	25	26	25	25
79,223	102,372	89,800	31	30	32	32	33	32	33	32
421,037	484,454	425,730	18	5	17	5	11	2	12	3

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all hay, tobacco, cloverseed, flaxseed, rice, lint cotton, beans, broomcorn,
vania only the eleven first mentioned and apples are considered principal crops.
or November 15 and the farm values given are subject to whatever errors are
ived by farmers for the entire crop or the portion of the crop that was sold.
ghted average prices for the crop year. In some years and for some crops they
spring, weighted average prices for the major portion of the crop year can

the farm.

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TABLE 122—Estimated Value of Farm Products, Pennsylvania, 1909-1926

Year	Number of farms [2]	Estimated value [1]		Wholesale price index [5]	Crops per farm	
		Crops [3]	Animal products [4]		Average value	Ratio to commodities purchasable [6]
1909	219,295	$166,000,000	$130,000,000		$ 757	
1910	217,550	224,000,000	144,000,000	97.3	1,030	1.059
1911	215,850	230,000,000	135,000,000	96.7	1,066	1.102
1912	214,150	253,000,000	147,000,000	104.4	1,181	1.131
1913	212,450	231,000,000	160,000,000	100.6	1,087	1.081
1914	210,750	259,000,000	166,000,000	96.3	1,229	1.276
1915	209,050	273,000,000	169,000,000	121.4	1,306	1.076
1916	207,350	343,000,000	192,000,000	167.6	1,654	.987
1917	205,650	431,000,000	259,000,000	182.6	2,096	1.148
1918	203,950	460,000,000	321,000,000	190.4	2,255	1.184
1919	202,250	491,000,000	330,000,000	234.8	2,428	1.034
1920	201,890	413,000,000	308,000,000	198.4	2,046	1.031
1921	201,530	275,000,000	223,000,000	160.6	1,365	.850
1922	201,170	274,000,000	226,000,000	176.5	1,362	.772
1923	200,810	284,000,000	250,000,000	163.6	1,414	.864
1924	200,443	291,000,000	235,000,000	163.0	1,452	.891
1925	200,080	330,000,000	267,000,000	165.0	1,649	.999
1926				161.0	[7] 1,450	.901

[1] Crop value based upon prices for crop year during which each individual crop is sold; value of animal products upon prices for the calendar year. Both prices are weighted by relative monthly marketings. Hence, these values differ from the estimates based upon the December 1 prices. Source: Crops and Markets, Vol. 2 Supp. 4, April, 1925, pp. 116-117 and Vol. 3, Supp. 7, July, 1926, p. 227.

[2] U. S. Census figures for 1909, 1919 and 1924; others are interpolations.

[3] Value of all crops, including those fed to livestock. Crops and animal products should not be combined to get the value of all farm products.

[4] Value of whole milk, buttermilk, whey and skim milk fed to livestock duplicates to some extent the value of animals raised, which are included in animal products.

[5] For non-agricultural commodities. Numbers are for the crop years, except 1925 and 1926, which are for the calendar year. Base: 1910—1914 = 100.

[6] These figures indicate for the year the relative quantity of non-agricultural commodities at wholesale prices purchasable with a sum of money equivalent to the average value of crops per farm.

To illustrate, if a farmer were able to purchase non-agricultural commodities at wholesale prices and had cared to do so, his crops in 1922 would have exchanged for only 60 per cent as many commodities as in 1914 and in 1925 for only 78 per cent as many. In making such comparisons, the increase in the cost of production of agricultural commodities should be kept in mind.

[7] Estimate.

Out of every $100 received by farmers for sales of farm products, about $21 is for livestock, $42 for livestock products, $32 for crops and $5 for miscellaneous products. These estimates are based upon averages of actual monthly sales reported by crop reporters. The reports also indicate that of the receipts from all sales 7.5 per cent occur in January, 6.8 in February, 9.5 in March, 8.3 in April, 10.1 in May, 6.0 in June, 6.0 in July, 8.3 in August, 9.4 in September, 9.8 in October, 10.1 in November and 8.2 in December.

About 62 per cent of the farmer's food supply is produced on the farm and 8 per cent locally but not on his farm. An additional 7 per cent could be reasonably produced locally, but the remaining 23 per cent could not be.

TABLE 123—Leading States in Production of Crops, 1924-1926

	1924			1925			1926	
State	Production	Per cent of U. S.	State	Production	Per cent of U. S.	State	Production	Per cent of U. S.
CORN								
	1,000 bushels			1,000 bushels			1,000 bushels	
U. S.	2,309,414	100.0	U. S.	2,916,961	100.0	U. S.	2,645,031	100.0
Iowa	305,536	13.2	Iowa	492,648	16.9	Iowa	413,586	15.6
Ill	295,218	12.8	Ill	394,506	13.5	Ill	312.970	11.8
Nebr	191,752	8.3	Nebr	236,600	8.1	Mo	174,189	6.6
Mo	151,200	6.5	Ind	203,232	7.0	Ind	170,528	6.4
Kans	130,656	5.7	Mo	198,860	6.8	Minn	147,662	5.6
5 States	1,074,362	46.5	5 States	1,525,846	52.3	5 States	1,218,935	46.0
PA. (15th)	48,034	2.1	PA (12th)	71,808	2.5	PA (15th)	57,154	2.2
WINTER WHEAT								
U. S.	592,259	100.0	U. S.	401,734	100.0	U. S.	626,929	100.0
Kans	159,870	27.0	Kans	77,328	19.2	Kans	150,057	23.9
Okla	58,944	10.0	Ill	35,680	8.9	Okla	73,745	11.8
Nebr	55,887	9.4	Nebr	31,661	7.9	Ohio	40,252	6.4
Ill	37,168	6.3	Okla	27,191	6.8	Ill	38,934	6.2
Ohio	33,354	5.6	Ind	25,636	6.4	Nebr	37,165	5.9
5 States	345,223	58.3	5 States	197,496	49.2	5 States	340,153	54.2
PA (11th)	18,744	3.2	PA -- (7th)	22,500	5.6	PA (8th)	23.400	3.7
SPRING WHEAT								
U. S.	272,169	100.0	U. S.	274,695	100.0	U. S.	205,376	100.0
N. Dak	133,450	49.0	N. Dak	112,378	40.9	N. Dak	77,224	37.6
Mont	41,197	15.1	Mont	31,773	11.6	Mont	38,393	18.7
Minn	34,313	12.6	Wash	30,430	11.1	Minn	24,588	12.0
S. Dak	33.580	12.3	S. Dak	30,397	11.1	Wash	20,790	10.1
Idaho	8,800	3.2	Minn	27,209	9.9	Idaho	14,352	7.0
5 States	251,340	92.2	5 States	232,187	84.6	5 States	175,347	85.4
ALL WHEAT								
U. S.	864,428	100.0	U. S.	676,429	100.0	U. S.	832,305	100.0
Kans	159,964	18.5	N. Dak	112,378	16.6	Kans	150,084	18.0
N. Dak	133,450	15.4	Kans	77,388	11.4	N. Dak	77,224	9.3
Okla	58,944	6.8	Wash	40.251	6.0	Okla	73,745	8.9
Nebr	58,519	6.8	Ill	36,880	5.5	Mont	44,665	5.4
Mont	51,799	6.0	Mont	35,021	5.2	Ill	41,034	4.9
5 States	462,676	53.5	5 States	306,918	44.7	5 States	386,752	46.5
PA (16th)	18,744	2.2	PA (14th	22,500	3.3	PA (13th)	73,400	2.8

TABLE 123—Leading States in Production of Crops, 1924-1926—Continued

State	1924		State	1925		State	1926	
	Production	Per cent of U. S.		Production	Per cent of U. S.		Production	Per cent of U. S.
				OATS				
	1,000 bushels			1,000 bushels			1,000 bushels	
U. S.	1,502,529	100.0	U. S.	1,487,550	100.0	U. S.	1,253,739	100.0
Iowa	245,910	16.4	Iowa	243,863	16.4	Iowa	195,962	15.6
Minn	197,241	13.1	Minn	200,340	13.5	Minn	129,162	10.3
Ill	170,586	11.4	Ill	157,788	10.6	Ill	123,516	9.9
S. Dak	104,858	7.0	Wis	126,246	8.5	Wis	96,638	7.7
Wis	103,600	6.9	S. Dak	96,356	6.5	Tex	83,666	6.7
5 States	822,195	54.6	5 States	824,593	55.5	5 States	628,944	50.2
PA. (13th)	36,216	2.4	PA. (12th)	40,495	2.7	PA. (12th)	35,552	2.8
				BARLEY				
U. S.	181,575	100.0	U. S.	216,554	100.0	U. S.	191,182	100.0
N. Dak	38.168	21.0	N. Dak	38,970	18.0	Minn	32,675	17.1
Minn	29,280	16.1	Minn	32,940	15.2	Calif	32,400	16.9
S. Dak	21,330	11.7	Calif	32,550	15.0	N. Dak	21,050	11.0
Calif	16,754	9.2	S. Dak	23,790	11.0	Wis	17.974	9.4
Wis	12,512	6.9	Wis	16,965	7.8	Ill	12,710	6.6
5 States	118,044	64.9	5 States	145,215	67.0	5 States	116,809	61.0
PA. (27th)	292	0.2	PA. (28th)	383	0.2	PA. (26th)	400	0.2
				RYE				
U. S.	65,466	100.0	U. S.	46,456	100.0	U. S.	40,024	100.0
N. Dak	20,520	31.3	N. Dak	15,870	34.2	N. Dak	9,287	23.2
Minn	14,718	22.5	Minn	5,824	12.5	Minn	4,954	12.4
Wis	5,644	8.6	Wis	3,789	8.2	Wis	3,840	9.6
Mich	3,480	5.3	Mich	2,700	5.8	Mich	2,686	6.7
S. Dak	3,430	5.2	Nebr	2,522	5.4	Nebr	2,606	6.5
5 States	47,792	72.9	5 States	30,705	66.1	5 States	23,373	58.4
PA. (8th)	2,000	3.1	PA. (6th)	1,921	4.1	PA. (7th)	1.488	3.7
				BUCKWHEAT				
U. S.	13.357	100.0	U. S.	13,994	100.0	U. S.	12,922	100.0
N. Y.	4,662	34.9	N. Y.	4,541	32.4	N. Y.	3,837	29.7
PA	4,085	30.6	PA	4,462	31.9	PA	3,610	27.9
Mich	700	5.2	Minn	854	6.1	Minn	1,122	8.7
Minn	684	5.1	Mich	712	5.1	Mich	765	5.9
Ohio	544	4.1	W. Va.	612	4.4	W. Va.	684	5.3
5 States	10,675	79.9	5 States	11,181	79.9	5 States	10.018	77.5

TABLE 123—Leading States in Production of Crops, 1924-1926—Continued

HAY, TAME

State	1924		State	1925		State	1926	
	Production	Per cent of U. S.		Production	Per cent of U. S.		Production	Per cent of U. S.
	1,000 tons			1,000 tons			1,000 tons	
U. S.	97,622	100.0	U. S.	85,717	100.0	U. S.	86,378	100.0
N. Y.	7,268	7.4	N. Y.	6,794	7.9	N. Y.	6,393	7.4
Wis	6,383	6.5	Wis	5,486	6.4	Wis	5,742	6.6
Iowa	5,970	6.1	Calif	5,417	6.3	Calif	4,984	5.8
Ohio	5,303	5.4	PA	4,225	4.9	Mich	4,097	4.7
Ill	5,259	5.4	Minn	3,989	4.7	Ohio	4,007	4.6
5 States	30,183	30.8	5 States	25,911	30.2	5 States	25,223	29.1
PA. (7th)	4,997	5.1				PA. (7th)	3,804	4.4

HAY, WILD

U. S.	14,859	100.0	U. S.	12,724	100.0	U. S.	9,984	100.0
Nebr	3,100	20.9	Minn	2,238	17.6	Nebr	1,895	19.0
Minn	2,420	16.3	Nebr	2,232	17.5	Minn	1,492	14.9
S. Dak	2,206	14.9	S. Dak	1,914	15.0	S. Dak	926	9.3
N. Dak	1,876	12.6	N. Dak	1,407	11.1	N. Dak	818	8.2
Kans	1,120	7.5	Kans	788	6.2	Kans.	640	6.4
5 States	10,728	72.8	5 States	8,579	67.4	5 States	5,771	57.8
PA. (27th)	27	0.2	PA. (27th)	25	0.2	PA. (31st)	25	0.3

ALL HAY

U. S.	112,481	100.0	U. S.	98,441	100.0	U. S.	96,362	100.0
N. Y.	7,354	6.5	N. Y.	6,870	7.0	N. Y.	6,469	6.7
Nebr	7,112	6.3	Minn	6.227	6.3	Wis	6,043	6.3
Wis	6,639	5.9	Nebr	5,867	6.0	Nebr	5,178	5.4
Iowa	6,371	5.7	Wis	5,819	5.9	Calif	5,149	5.3
Minn	6,212	5.5	Calif	5,624	5.7	Minn	4,233	4.4
5 States	33,688	29.9	5 States	30,407	30.9	5 States	27,072	28.1
PA. (9th)	5,024	4.5	PA. (7th)	4,250	4.3	PA. (9th)	3,829	4.0

GRAPES

U. S.	1,778	100.0	U. S.	2.064	100.0	U. S.	2,349	100.0
Calif	1,535	86.4	Calif	1,912	92.6	Calif	2,040	86.8
N. Y.	80	4.5	N. Y.	52	2.5	N. Y.	107	4.6
Mich	64	3.6	Mich	22	1.1	Mich	61	2.6
Ohio	20	1.1	Ohio	14	0.7	Ohio	29	1.2
PA.	20	1.1	PA.	11	0.5	PA.	25	1.1
5 States	1,719	96.7	5 States	2,011	97.4	5 States	2,262	96.3

TABLE 123—Leading States in Production of Crops, 1924-1926—Continued

POTATOES

State	1924		State	1925		State	1926	
	Production	Per cent of U. S.		Production	Per cent of U. S.		Production	Per cent of U. S.
	1,000 bushels			1,000 bushels			1,000 bushels	
U. S.	421,585	100.0	U. S.	323,465	100.0	U. S.	356,360	100.0
Me	45,045	10.7	Me	33,750	10.4	Me	36,830	10.3
Minn	44,880	10.6	Minn	26.772	8.3	Mich	29,880	8.4
N. Y.	42,000	10.0	PA.	24,846	7.7	Minn	29,800	8.4
Mich	33,800	8.0	Mich	24,411	7.5	N. Y.	29,016	8.1
Wis	31,460	7.5	Wis	23,632	7.3	Wis	27,140	7.6
5 States	197,185	46.8	5 States	133,411	41.2	5 States	152,666	42.8
PA. (6th)	24,780	5.9				PA. (6th)	22,176	6.2

SWEET POTATOES

U. S.	53,912	100.0	**U. S.**	**62,319**	**100.0**	U. S.	83,658	100.0
N. C.	7,360	13.7	**N. C.**	**7,040**	**11.3**	Ga	9.460	11.3
Ga	7,000	13.0	Tex	6,132	9.8	Tex	8,556	10.2
Ala	4.380	8.1	Miss	5,952	9.6	N. C.	7,560	9.0
Va	4,200	7.8	La	5,170	8.3	La	7,110	8.5
Tex	3,990	7.4	Ga	5,170	8.3	Ala	6,500	7.8
5 States	26,930	50.0	5 States	30,054	48.2	5 States	39,186	46.8
PA. (27th)	117	0.2	PA (27th)	115	0.2	PA. (27th)	110	0.1

TOBACCO

	1,000 pounds			1,000 pounds			1,000 pounds	
U. S.	1,251,343	100.0	U. S.	1,376,628	100.0	**U. S.**	**1,323,388**	**100.0**
Ky	405.460	32.4	Ky	387,990	28.2	**N. C.**	**393,190**	**29.7**
N. C.	286,769	22.9	N. C.	380,165	27.6	**Ky**	**374,880**	**28.3**
Va	136,500	10.9	Va	129,400	9.4	**Va**	**132,352**	**10.0**
Tenn	99,375	7.9	Tenn	94,380	6.9	Tenn	106,997	8.1
PA.	57,500	4.6	S. C.	71,040	5.2	**S. C.**	**57,510**	**4.4**
5 States	985,604	78.7	5 States	1,062,975	77.3	**5 States**	**1,064,929**	**80.5**
			PA. (6th)	57,400	4.2	**PA. (6th)**	**43,560**	**3.3**

CIGAR TYPE TOBACCO

U. S.	177,389	100.0	U. S.	196,941	100.0	U. S.	144,685	100.0
PA.	57,500	32.4	PA.	57,400	29.2	PA.	43,560	30.1
N. Eng	51,790	29.2	N. Eng	50,709	25.7	N. Eng	38,758	26.8
Wis	35,720	20.1	Wis	44,000	22.3	Wis	33,350	23.1
Ohio[1]	25,445	14.4	Ohio[1]	39,118	19.9	Ohio[1]	23,354	16.1
Ga.—Fla	4.584	2.5	Ga.—Fla	3,514	1.8	Ga.—Fla	3,463	2.4
5 Sections	175,039	98.6	5 Sections	194,741	98.9	5 Sections	142,485	98.5

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[1] Including a small amount in Indiana.

TABLE 123—Leading States in Production of Crops, 1924-1926—Continued

CLOVER SEED

State	1924		State	1925		State	1926	
	Production	Per cent of U. S.		Production	Per cent of U. S.		Production	Per cent of U. S.
	1,000 bushels			1,000 bushels			1,000 bushels	
U. S.	958	100.0	U. S.	1,113	100.0	U. S.	797	100.0
Ohio	156	16.3	Wis	232	20.8	Wis	156	19.6
Ind	137	14.3	Ohio	185	16.6	Ill	97	12.2
Ill	121	12.6	Mich	101	9.1	Iowa	78	9.8
Minn	120	12.5	Ill	99	8.9	Minn	69	8.7
Mich	108	11.3	Iowa	95	8.5	Mich	64	8.0
5 States	642	67.0	5 States	712	63.9	5 States	464	58.3
PA. (11th)	26	2.7	PA. (11th)	29	2.6	PA. (14th)	12	1.5

SOY BEANS (Shelled)

State	1924 Production	Per cent	State	1925 Production	Per cent	State	1926 Production	Per cent
U. S.	5.680	100.0	U. S.	5,102	100.0	U. S.	6.517	100.0
Ill	1,368	24.1	Ill	1,242	24.3	Ill	1,862	28.6
N. C.	1,120	19.7	N. C.	1,218	23.9	N. C.	1,312	20.1
Ind	802	14.1	Mo	672	13.2	Mo	830	12.7
Mo	621	10.9	Ind	400	7.8	Ind	479	7.4
Va	210	3.7	Ohio	195	3.8	Miss	260	4.0
5 States	4,121	72.5	5 States	3,727	73.0	5 States	4,743	72.8

COWPEAS (Shelled)

State	1924 Production	Per cent	State	1925 Production	Per cent	State	1926 Production	Per cent
U. S.	5,371	100.0	U. S.	4,214	100.0	U. S.	7,484	100.0
S. C.	900	16.7	Ala	682	16.2	Ga	1,660	22.2
Ala	760	14.1	Ill	481	11.4	N. C.	910	12.2
N. C.	621	11.6	Ark	450	10.7	Ala	862	11.5
Ga	520	9.7	N. C.	414	9.8	S. C.	850	11.4
Ill	456	8.5	Miss	366	8.7	Miss	542	7.2
5 States	3,257	60.6	5 States	2,393	56.8	5 States	4,824	64.5

GRAIN SORGHUMS

State	1924 Production	Per cent	State	1925 Production	Per cent	State	1926 Production	Per cent
U. S.	80,443	100.0	U. S.	75,230	100.0	U. S.	100,710	100.0
Tex	28,600	35.6	Tex	30,875	41.0	Tex	48,276	47.9
Kans	24,482	30.4	Kans	22,770	30.3	Okla	54,318	24.1
Okla	19,500	24.2	Okla	14,216	18.9	Kans	19,404	19.3
N. Mex	2.700	3.4	Calif	2,992	4.0	Calif	3,072	3.1
Calif	2,562	3.2	N. Mex	1,800	2.4	N. Mex	2,618	2.6
5 States	77,844	96.8	5 States	72,653	96.6	5 States	97,688	97.0

TABLE 123—Leading States in Production of Crops, 1924-1926—Continued

APPLES (Total crop)

State	1924		State	1925		State	1926	
	Production	Per cent of U. S.		Production	Per cent of U. S.		Production	Per cent of U. S.
	1,000 bushels			1,000 bushels			1,000 bushels	
U. S.	171,725	100.0	U. S.	172,389	100.0	U. S.	246,460	100.0
N. Y	22,000	12.8	N. Y	32,500	18.9	N. Y	40,375	16.4
Wash	22,000	12.8	Wash	29,550	17.1	Wash	34,030	13.8
Va	14,500	8.4	Mich	9,000	5.2	Va	19,902	8.1
Calif	8,903	5.2	Va	7,844	4.6	PA	17,000	6.9
PA	7,800	4.5	PA	7,300	4.2	Ohio	11,900	4.8
5 States	75,203	43.7	5 States	86,194	50.0	5 States	123,207	50.0

APPLES (Commercial)

	1,000 barrels			1,000 barrels			1,000 barrels	
U. S.	28,013	100.0	U. S.	33,246	100.0	U. S.	39,095	100.0
Wash	6,275	22.4	Wash	8,670	26.1	Wash	8,550	21.9
N. Y	3,738	13.3	N. Y	6,250	18.8	N. Y	6,500	16.6
Va	2,520	9.0	Mont	1,750	5.3	Va	3,384	8.7
Oreg	1,500	5.4	Mich	1,700	5.1	Calif	2,048	5.2
Calif	1,490	5.3	Va	1,440	4.3	PA	1,796	4.6
5 States	15,523	55.4	5 States	19,810	59.6	5 States	22.278	57.0
PA (10th)	780	2.8	PA (9th)	1,011	3.0			

PEACHES

	1,000 bushels			1,000 bushels			1,000 bushels	
U. S.	53,848	100.0	U. S.	46,562	100.0	U. S.	68,425	100.0
Calif	13,751	25.5	Calif	16,418	35.3	Calif	21.252	31.1
Ga	8,342	15.5	Ga	7,304	15.7	Ga	9,400	13.7
Ark	2,700	5.0	Ark	2,200	4.7	N. J	3,000	4.4
N. J	2,500	4.6	N. Y	1,920	4.1	Ill	2,660	3.9
N. C	2,500	4.6	Tex	1,750	3.8	PA	2,498	3.7
5 States	29,793	55.2	5 States	29,592	63.6	5 States	38,810	56.8
PA (10th)	1,715	3.2	PA (16th)	600	1.3			

PEARS

U. S.	18,866	100.0	U. S.	20,720	100.0	U. S.	25,644	100.0
Calif	5,542	29.4	Calif	7,542	36.4	Calif	9,000	35.1
N. Y	2,100	11.1	N. Y	3,045	14.7	Wash	3,220	12.6
Wash	1,750	9.3	Wash	2,300	11.1	Oreg	2,100	8.2
Oreg	1,225	6.5	Oreg	1,500	7.2	N. Y	2,088	8.1
Mich	810	4.3	Ill	540	2.6	Mich	889	3.5
5 States	11,427	60.6	5 States	14,927	72.0	5 States	17,297	67.5
PA (6th)	629	3.3	PA (8th)	468	2.3	PA (7th)	748	2.9

TABLE 123—Leading States in Production of Crops, 1924-1926—Concluded

COTTON

State	1924		State	1925		State	1926	
	Production	Per cent of U. S.		Production	Per cent of U. S.		Production	Per cent of U. S.
	1,000 bales			1,000 bales			1,000 bales	
U. S.	13,628	100.0	U. S.	16,104	100.0	U. S.	18,618	100.0
Tex	4,949	36.3	Tex	4,163	25.9	Tex	5,900	31.7
Okla	1,511	11.1	Miss	1,991	12.4	Okla	1,950	10.4
Miss	1,099	8.1	Okla	1,691	10.5	Miss	1,930	10.4
Ark	1,094	8.0	Ark	1,600	9.9	Ark	1,620	8.7
Ga	1,002	7.4	Ala	1,357	8.4	Ala	1,490	8.0
5 States	9,655	70.9	5 States	10,802	67.1	5 States	12,890	69.2

FLAXSEED

U S.	31,547	100.0	U. S.	22,424	100.0	U. S.	19,459	100.0
N. Dak	15,920	50.0	N. Dak	9,496	42.3	Minn	8,554	44.0
Minn	8,117	25.7	Minn	7.400	33.0	N. Dak	6,736	34.6
S. Dak	4,713	14.9	S. Dak	3,801	17.0	S. Dak	2,755	14.2
Mont	2,140	6.8	Mont	1,098	4.9	Mont	804	4.1
Kans	370	1.2	Kans	306	1.4	Kans	262	1.3
5 States	31,260	99.1	5 States	22,101	98.6	5 States	19,111	98.2

RICE

	1,000 bushels			1,000 bushels			1,000 bushels	
U. S.	32,498	100.0	U. S.	33,309	100.0	U. S.	41,006	100.0
La	15,224	46.8	La	14,319	43.0	La	16,088	39.2
Ark	6,888	21.2	Ark	7,525	22.6	Ark	10,017	24.4
Tex	5,840	18.0	Tex	6,216	18.7	Calif	7,986	19.5
Calif	4,365	13.4	Calif	4,800	14.4	Tex	6.142	15.0
S. C	70	.2	Mo	300	.9	Mo	610	1.5
5 States	32,387	99.6	5 States	33,160	99.6	5 States	40,843	99.6

PEANUTS

	1,000 pounds			1,000 pounds			1,000 pounds	
U. S.	745,059	100.0	U. S.	698,475	100.0	U. S.	626.866	100.0
Ga	239,400	32.1	N. C	212,750	30.5	N. C	190,120	30.3
N. C	175,500	23.6	Va	143,520	20.5	Va	131,100	20.9
Ala	135,000	18.1	Ga	139,000	19.9	Ga	110,775	17.7
Va	78,000	10.5	Ala	100,800	14.4	Ala	79,800	12.7
Tex	33,750	4.5	Tex	32,825	4.7	Tex	49,345	7.9
5 States	661,650	88.8	5 States	628,895	90.0	5 States	561,140	89.5

TABLE 124—Acre Yield of Important Crops, United States, by States, 1925 and 1926 and Average, 1916-1925

State and division	CORN			WINTER WHEAT			OATS		
	1925	1926	Average	1925	1926	Average	1925	1926	Average
	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.
Maine	45.0	42.0	44.2	--------	--------	--------	45.0	38.0	37.4
New Hampshire	50.0	47.0	45.8	--------	--------	--------	39.0	40.0	37.4
Vermont	48.0	47.0	45.0	--------	--------	--------	40.0	38.0	35.4
Massachusetts	50.0	48.0	45.7	--------	--------	--------	38.0	34.0	34.8
Rhode Island	45.0	48.0	41.1	--------	--------	--------	33.0	32.0	31.2
Connecticut	50.0	50.0	46.4	--------	--------	--------	33.0	32.0	31.0
New York	36.0	35.0	36.4	19.5	17.5	20.2	36.0	34.0	32.4
New Jersey	52.0	46.0	42.2	21.0	22.0	18.8	30.0	33.0	30.5
PENNSYLVANIA	51.0	41.0	43.0	20.0	20.0	17.9	35.0	32.0	33.8
NORTH ATLANTIC	46.8	40.3	--------	19.9	19.6	--------	36.0	33.4	--------
Ohio	48.0	40.5	38.7	15.0	22.5	16.5	41.5	38.0	36.0
Indiana	43.5	36.5	36.1	14.5	20.0	15.3	28.0	30.0	32.5
Illinois	42.0	34.0	35.6	16.0	18.0	16.7	32.5	26.5	36.5
Michigan	40.0	34.0	33.2	17.0	18.3	17.2	32.0	33.0	32.6
Wisconsin	46.5	34.5	38.7	19.0	20.6	20.2	48.5	37.5	39.6
E. NORTH CENTRAL	43.7	35.7	--------	15.5	19.8	--------	36.2	31.8	--------
Minnesota	36.0	34.0	35.4	18.0	17.5	17.0	42.0	28.5	35.2
Iowa	43.9	37.0	39.6	16.4	21.5	19.3	39.2	31.5	38.1
Missouri	29.5	27.2	27.6	13.2	15.3	13.0	26.0	20.0	26.4
North Dakota	23.5	18.0	24.4	--------	--------	--------	27.0	17.0	23.4
South Dakota	17.5	18.0	28.3	11.5	7.0	14.8	34.0	11.7	32.4
Nebraska	26.0	15.5	26.5	12.7	12.9	14.7	27.4	20.7	30.2
Kansas	16.6	10.3	17.2	9.0	14.8	12.7	23.0	21.6	24.8
W. NORTH CENTRAL	29.7	24.6	--------	10.6	14.6	--------	34.1	24.4	--------
Delaware	37.0	31.0	33.0	18.5	20.0	15.6	25.0	28.0	28.5
Maryland	45.0	39.8	38.7	21.0	23.0	16.6	32.0	32.8	30.7
Virginia	22.0	27.5	26.6	14.2	16.5	12.5	21.5	26.0	22.2
West Virginia	36.5	33.0	32.4	13.5	16.0	13.2	27.0	28.0	24.5
North Carolina	18.5	22.0	19.9	11.0	14.1	9.8	19.0	22.0	18.7
South Carolina	12.3	15.5	15.8	11.0	16.0	10.5	19.0	25.2	21.2
Georgia	10.7	14.5	13.7	10.5	15.0	9.8	17.0	23.0	18.6
Florida	15.0	14.0	14.4	--------	--------	--------	14.0	16.7	14.4
SOUTH ATLANTIC	17.6	20.5	--------	15.2	16.7	--------	20.2	24.6	--------
Kentucky	26.5	33.0	27.4	14.0	18.5	11.4	21.0	24.5	22.0
Tennessee	20.0	27.5	24.3	12.5	18.0	10.0	22.0	25.0	21.2
Alabama	13.5	16.2	14.2	11.0	13.5	10.0	17.0	22.0	18.2
Mississippi	18.0	19.2	16.2	18.0	17.0	14.2	19.0	22.0	18.3
Arkansas	14.0	20.5	18.3	13.0	13.5	11.3	16.0	22.0	22.6
Louisiana	18.0	17.5	17.3	--------	--------	--------	21.0	26.6	22.0
Oklahoma	7.5	26.0	16.2	8.2	17.5	12.1	23.0	28.0	23.2
Texas	8.5	27.8	18.4	8.0	18.2	11.8	12.3	42.6	25.2
SOUTH CENTRAL	15.9	24.6	--------	8.8	17.7	--------	18.2	33.6	--------
Montana	16.5	11.0	17.9	14.5	14.0	14.2	22.5	26.0	25.7
Idaho	41.0	41.0	36.1	27.0	23.0	21.8	49.0	40.0	40.1
Wyoming	23.0	20.0	21.5	16.0	18.0	17.6	35.0	35.0	32.2
Colorado	15.0	7.0	16.9	12.0	12.0	14.7	27.0	24.0	29.9
New Mexico	18.0	20.0	19.7	3.0	23.0	11.8	20.0	28.0	24.5
Arizona	26.0	28.0	27.2	23.0	25.0	24.4	30.0	35.0	33.4
Utah	24.0	24.0	24.4	22.0	21.0	16.7	47.0	40.0	38.8
Nevada	25.0	24.0	27.6	26.0	24.0	23.2	40.0	32.0	37.3
Washington	35.0	35.0	36.7	26.4	23.0	23.0	44.0	43.0	43.3
Oregon	29.0	33.0	31.0	21.0	20.0	20.9	33.0	29.0	32.3
California	35.1	32.6	33.9	19.0	18.4	17.2	34.7	32.5	30.8
WESTERN	18.5	12.0	--------	18.7	18.3	--------	32.4	30.9	--------
UNITED STATES	28.8	26.6	27.4	12.9	17.0	14.6	33.2	28.2	32.0

TABLE 124—Acre Yield of Important Crops—Continued

State and division	BARLEY			BUCKWHEAT			RYE		
	1925	1926	Average	1925	1926	Average	1925	1926	Average
	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.
Maine	35.0	30.0	27.1	26.0	23.0	24.4	-------	-------	-------
New Hampshire	-------	-------	-------	22.0	23.0	21.0	-------	-------	-------
Vermont	32.0	30.0	28.6	-------	-------	-------	-------	-------	-------
Massachusetts	-------	-------	-------	-------	-------	-------	-------	-------	-------
Rhode Island	-------	-------	-------	-------	-------	-------	-------	-------	-------
Connecticut	-------	-------	-------	-------	-------	-------	19.0	-------	19.4
New York	29.0	28.3	26.7	19.0	18.9	18.8	16.5	15.5	16.8
New Jersey	27.0	33.0	-------	21.0	18.0	19.5	18.0	19.0	17.9
PENNSYLVANIA	25.5	27.0	25.1	23.0	19.0	19.7	17.0	16.0	16.6
NORTH ATLANTIC	28.0	28.2	-------	20.0	19.1	-------	17.1	16.7	-------
Ohio	31.0	32.0	27.4	19.7	17.5	19.6	15.0	17.5	15.4
Indiana	23.0	25.0	25.2	13.2	16.0	16.3	11.4	14.5	13.7
Illinois	33.0	31.0	31.3	14.0	13.0	16.4	13.8	15.0	16.0
Michigan	24.5	28.5	24.3	13.7	15.3	13.0	12.5	13.5	13.7
Wisconsin	36.8	34.5	30.8	16.0	15.0	14.7	14.8	15.0	15.9
E. NORTH CENTRAL	33.1	32.1	-------	15.3	15.7	-------	13.4	14.7	-------
Minnesota	30.0	25.0	25.6	14.0	17.0	15.0	13.0	13.5	17.2
Iowa	31.3	30.5	29.2	17.5	18.0	15.0	16.4	17.5	17.5
Missouri	31.0	24.0	25.6	14.0	15.0	14.0	12.0	12.9	12.5
North Dakota	22.5	14.3	18.5	12.0	15.0	-------	10.0	7.6	11.2
South Dakota	26.0	10.1	24.2	12.0	14.0	14.8	9.5	6.2	14.8
Nebraska	24.3	20.7	24.6	14.0	11.0	15.8	12.3	10.3	13.8
Kansas	16.0	11.4	17.4	-------	-------	-------	8.9	11.7	12.1
W. NORTH CENTRAL	24.0	17.8	-------	13.8	16.5	-------	10.8	9.2	-------
Delaware	-------	-------	-------	16.0	16.0	17.9	15.0	15.0	14.2
Maryland	33.0	34.3	31.0	24.0	20.2	20.6	19.0	18.0	15.5
Virginia	26.0	31.0	26.7	16.0	22.0	19.5	12.0	13.5	12.1
West Virginia	-------	-------	-------	18.0	19.0	19.6	13.0	13.0	12.5
North Carolina	23.0	26.0	-------	14.0	22.0	18.6	11.5	13.0	9.3
South Carolina	-------	-------	-------	-------	-------	-------	10.5	14.0	10.4
Georgia	-------	-------	-------	-------	-------	-------	9.3	12.0	9.2
Florida	-------	-------	-------	-------	-------	-------	-------	-------	-------
SOUTH ATLANTIC	27.4	29.9	-------	17.5	20.1	-------	12.3	13.4	-------
Kentucky	26.0	33.0	26.4	12.5	17.0	15.8	13.0	15.5	11.8
Tennessee	23.0	30.0	21.4	15.0	20.0	17.0	11.0	14.0	9.6
Alabama	-------	-------	-------	-------	-------	-------	-------	-------	10.2
Mississippi	-------	-------	-------	-------	-------	-------	-------	-------	-------
Arkansas	-------	-------	-------	-------	-------	-------	11.0	11.0	10.6
Louisiana	-------	-------	-------	-------	-------	-------	-------	-------	-------
Oklahoma	14.0	27.0	20.0	-------	-------	-------	12.0	15.5	12.0
Texas	7.2	35.0	21.1	-------	-------	-------	4.0	19.0	11.1
SOUTH CENTRAL	12.1	31.4	-------	13.3	17.8	-------	10.6	15.8	-------
Montana	21.0	24.0	20.6	-------	-------	-------	12.5	12.0	11.9
Idaho	44.0	37.0	34.1	-------	-------	-------	20.0	15.5	15.8
Wyoming	33.0	33.0	30.6	-------	-------	-------	12.0	14.0	14.4
Colorado	21.0	16.0	23.8	-------	-------	-------	10.0	11.5	10.9
New Mexico	17.0	26.0	22.1	-------	-------	-------	4.0	18.0	13.2
Arizona	35.0	35.0	33.8	-------	-------	-------	-------	-------	-------
Utah	43.0	40.0	34.1	-------	-------	-------	11.0	9.0	9.9
Nevada	48.0	40.0	34.0	-------	-------	-------	-------	-------	-------
Washington	34.0	34.0	31.4	-------	-------	-------	11.0	12.0	11.7
Oregon	33.0	29.0	29.7	-------	-------	-------	14.0	13.0	12.6
California	31.0	30.0	27.1	-------	-------	-------	-------	-------	-------
WESTERN	29.4	27.3	-------	-------	-------	-------	11.6	12.3	-------
UNITED STATES	26.8	23.3	24.4	18.7	18.3	18.3	11.7	11.4	13.9

TABLE 124—Acre Yield of Important Crops—Concluded

State and division	TOBACCO			POTATOES			TAME HAY		
	1925	1926	Average	1925	1926	Average	1925	1926	Average
	Lbs.	Lbs.	Lbs.	Bus.	Bus.	Bus.	Tons	Tons	Tons
Maine	--------	--------	--------	250	290	225	1.21	1.12	1.18
New Hampshire	--------	--------	--------	145	165	136	1.22	1.14	1.20
Vermont	--------	--------	--------	125	155	133	1.57	1.58	1.44
Massachusetts	1,243	1,448	1,422	140	155	123	1.33	1.25	1.36
Rhode Island	--------	--------	--------	140	150	120	1.28	1.29	1.33
Connecticut	1,352	1.340	1,426	135	155	116	1.29	1.17	1.34
New York	1,100	1,100	1,206	86	117	106	1.38	1.32	1.36
New Jersey	--------	--------	--------	106	145	120	1.56	1.56	1.51
PENNSYLVANIA	1,400	1,320	1,375	123	112	100	1.39	1.30	1.40
NORTH ATLANTIC	1,359	1,331	--------	133	153	--------	1.37	1.31	--------
Ohio	974	864	912	106	94	81	1.09	1.36	1.37
Indiana	871	893	895	83	80	77	.99	1.26	1.31
Illinois	--------	--------	--------	60	80	72	1.09	1.14	1.31
Michigan	--------	--------	--------	103	120	96	.99	1.43	1.29
Wisconsin	1,375	1,150	1,195	112	118	100	1.63	1.70	1.61
E. NORTH CENTRAL	1,076	962	--------	100	109	--------	1.18	1.39	--------
Minnesota	--------	--------	--------	97	100	96	1.77	1.31	1.62
Iowa	--------	--------	--------	63	79	80	1.37	1.22	1.49
Missouri	815	950	963	57	80	74	1.11	1.13	1.20
North Dakota	--------	--------	--------	72	80	81	1.71	1.03	1.37
South Dakota	--------	--------	--------	65	60	78	1.33	1.00	1.68
Nebraska	--------	--------	--------	75	73	80	2.17	1.86	2.07
Kansas	--------	--------	--------	67	91	72	1.99	1.73	1.99
W. NORTH CENTRAL	815	950	--------	78	87	--------	1.57	1.31	--------
Delaware	--------	--------	--------	64	86	84	1.41	1.47	1.36
Maryland	823	900	774	73	90	88	1.39	1.30	1.40
Virginia	647	704	673	90	87	109	.76	1.01	1.18
West Virginia	775	850	790	87	106	99	1.20	1.32	1.31
North Carolina	695	685	618	78	100	90	.68	.91	1.10
South Carolina	740	710	655	96	111	92	.27	.78	.86
Georgia	720	770	737	49	63	69	.33	.76	.84
Florida	832	923	987	124	118	94	.69	.73	.92
SOUTH ATLANTIC	697	706	--------	85	95	--------	.84	1.04	--------
Kentucky	810	880	861	60	96	81	1.14	1.32	1.30
Tennessee	726	781	770	56	78	75	.92	1.26	1.20
Alabama	--------	--------	--------	57	70	77	.67	.95	.86
Mississippi	--------	--------	--------	67	71	77	1.00	1.17	1.23
Arkansas	--------	--------	--------	60	60	66	.80	1.15	1.23
Louisiana	504	400	442	60	61	66	.90	1.16	1.31
Oklahoma	--------	--------	--------	72	66	64	1.28	1.54	1.59
Texas	--------	--------	--------	53	70	58	.93	1.39	1.28
SOUTH CENTRAL	792	855	--------	61	73	--------	.96	1.27	--------
Montana	--------	--------	--------	108	85	107	1.66	1.59	1.63
Idaho	--------	--------	--------	196	178	174	3.28	2.70	2.68
Wyoming	--------	--------	--------	120	112	117	1.81	1.94	1.84
Colorado	--------	--------	--------	183	140	140	2.15	2.31	2.16
New Mexico	--------	--------	--------	75	83	74	2.26	2.39	2.14
Arizona	--------	--------	--------	57	55	84	3.47	3.64	3.45
Utah	--------	--------	--------	160	145	172	3.30	3.06	2.53
Nevada	--------	--------	--------	170	140	171	3.06	2.49	2.55
Washington	--------	--------	--------	155	160	143	2.26	2.23	2.12
Oregon	--------	--------	--------	104	100	108	2.06	1.93	1.99
California	--------	--------	--------	159	161	143	3.05	2.93	2.22
WESTERN	--------	--------	--------	158	143	--------	2.50	2.38	--------
UNITED STATES	783.3	795.0	786.4	104.6	113.1	101.6	1.47	1.47	1.51

TABLE 125—Mortality and Condition of Farm Livestock: Animal Losses from Causes Indicated, Pennsylvania, Years Ended April 30[1], 1903-1925

Year ended April 30 [1]	Horses and mules of all ages [2]			Cattle of all ages				Sheep not including lambs				Lambs	Swine of all ages		
	Losses from disease		Condition May 1	Losses from			Condition May 1	Losses from			Condition May 1	Losses from disease and exposure	Losses from disease		Condition May 1
				Disease	Exposure	Disease and exposure		Disease	Exposure	Disease and exposure					
	Per 1,000	Total [3]		Per 1,000	Per 1,000	Total [3]		Per 1,000	Per 1,000	Total [3]		Per 1,000	Per 1,000	Total [3]	
1903	23	13,290	99	20	5	46,700	98	29	17	52,120	98	--------	36	34,960	99
1904	19	11,320	96	20	4	44,500	95	28	12	38,520	93	--------	27	27,000	96
1905	18	10,940	97	17	4	39,080	95	28	13	36,740	96	--------	23	22,540	96
1906	15	9,840	98	15	3	35,370	96	22	14	39,670	96	--------	23	23,000	97
1907	17	10,320	97	18	4	38,270	96	30	17	51,790	95	--------	28	27,720	98
1908	17	10,320	97	18	5	48,690	95	26	15	45,180	94	--------	27	26,730	96
1909	18	11,140	98	20	3	48,690	97	25	9	38,590	97	--------	27	26,730	97
1910	18	9,900	96	19	5	38,090	96	27	15	37,090	94	55	30	29,340	95
1911	18	10,190	96	19	4	36,640	96	24	11	31,540	95	50	36	38,380	95
1912	22	13,550	96	20	5	39,250	94	23	18	36,200	93	53	37	42,220	93
1913	23	14,310	97	23	5	43,600	97	27	10	32,010	97	41	43	48,590	96
1914	22	13,840	97	21	4	39,380	97	30	12	35,240	95	50	42	47,460	95
1915	30	19,260	98	45	8	83,790	96	50	13	52,350	96	75	55	65,220	96
1916	20	12,980	97	21	4	40,700	97	20	10	25,050	96	40	28	33,880	97
1917	18	11,590	97	19	3	36,170	97	25	10	29,050	97	40	35	41,090	97
1918	15	9,570	97	16	4	33,540	96	20	8	25,560	96	40	30	38,730	97
1919	14	8,620	97	14	2	26,880	97	17	4	19,580	96	32	29	40,020	95
1920	12	6,730	96	13	2	23,190	95	17	5	11,200	94	32	30	35,730	95
1921	15	8,120	97	15	2	25,330	96	25	6	14,820	95	44	20	22,000	96
1922	14	7,390	96	15	3	26,680	95	20	8	13,100	94	40	30	31,800	95
1923	14	7,250	96	19	2	30,410	94	22	7	13,020	95	50	30	30,600	95
1924	11	5,370	96	13	2	20,810	95	20	5	10,780	94	40	22	21,560	96
1925	9	4,170	96	11	1	15,820	95	15	6	8,720	95	33	20	14,680	96

[1] Prior to 1919, years ending March 31 and condition as of April 1. Inquiry discontinued after 1925.
[2] Horses only, prior to 1912.
[3] Computed on basis of number of animals on farms, January 1 of each year.

TABLE 126—Horses and Mules: Estimated Number on Farms, Average Price and Total Value, Pennsylvania, January 1, 1926 and 1927

County and district	HORSES AND COLTS						MULES AND MULE COLTS					
	Estimated number		Average value		Total value		Estimated number		Average value		Total value	
	1926	1927	1926	1927	1926	1927	1926	1927	1926	1927	1926	1927
Crawford	12,540	11,570	$82	$82	$1,028,280	$948,740	360	350	$123	$107	$44,280	$37,450
Erie	10,270	9,890	96	93	985,920	919,770	230	230	98	92	22,540	21,160
Forest	630	610	98	104	61,740	63,440	20	20	117	108	2,340	2,160
Mercer	10,010	9,830	94	92	940,940	904,360	230	230	115	92	26,450	21,160
Venango	3,990	3,680	84	113	335,160	415,840	50	50	88	84	4,400	4,200
Warren	4,830	4,700	104	108	502,320	507,600	100	100	92	87	9,200	8,700
NORTHWESTERN	42,270	40,280	91	93	3,854,360	3,759,750	990	980	110	97	109,210	94,830
Bradford	11,180	11,090	112	118	1,252,160	1,308,620	220	220	133	101	29,260	22,220
Cameron	320	310	127	115	40,640	35,650	10	10	113	117	1,130	1,170
Clinton	2,190	2,150	121	100	264,990	215,000	110	110	117	108	12,870	11,880
Elk	1,360	1,270	143	128	194,480	162,560	70	70	111	105	7,770	7,350
Lycoming	7.120	6,710	122	114	868,640	764,940	250	240	127	123	31,750	29,520
McKean	2,060	1,880	139	115	286,340	216,200	20	20	102	97	2,040	1,940
Potter	3,900	3,640	102	86	397,800	313,040	70	70	135	123	9,450	8,610
Sullivan	1,530	1,560	144	110	220,320	171,600	30	30	104	106	3,120	3,180
Tioga	8,540	8,430	107	107	913,780	902,010	160	160	115	105	18,400	16,800
NORTH CENTRAL	38,200	37,040	116	110	4,439,150	4,089,620	940	930	123	110	115,790	102,670
Lackawanna	2,730	2,650	122	106	333,060	280,900	140	140	104	98	14,560	13,720
Susquehanna	7,120	6,850	113	105	804,560	719,250	140	140	97	92	13,580	12,880
Wayne	5,110	4,970	116	120	592,760	596,400	160	160	117	128	18,720	20,480
Wyoming	2,740	2,670	109	114	298,660	304,380	140	140	105	129	14,700	18,060
NORTHEASTERN	17,700	17,140	115	111	2,029,040	1,900,930	580	580	106	112	61,560	65,140
Armstrong	6,380	5,890	92	83	586,960	488,870	290	290	96	90	27,840	26,100
Beaver	4,650	4,520	105	94	488,250	424,880	110	110	110	93	12,100	10,230
Butler	7,840	7,240	99	106	776,160	767,440	270	260	110	110	29,700	28,600
Clarion	5,920	5,520	117	119	692,640	656,880	150	150	93	100	13,950	15,000
Indiana	7,650	7,060	101	89	772,650	628,340	620	600	90	92	55,800	55,200
Jefferson	5,500	5,180	117	90	643,500	466,200	300	300	110	103	33,000	30,900
Lawrence	5,050	4,860	110	93	555,500	451,980	160	160	109	105	17,440	16,800
WEST CENTRAL	42,990	40,270	105	96	4,515,660	3,884,590	1,900	1,870	100	98	189,830	182,830
Blair	3,590	3,490	111	104	398,490	362,960	330	310	112	98	36,960	30,380
Cambria	4,140	3,900	133	130	550,620	507,000	230	240	97	105	22,310	25,200
Centre	5,970	5,510	110	100	656,700	551,000	440	430	114	105	50,160	45,150
Clearfield	4,550	4,200	95	103	432,250	432,600	380	370	96	87	36,480	32,190
Columbia	5,220	4,970	91	99	475,020	492,030	470	440	93	114	43,710	50,160
Dauphin	4,930	4,550	99	100	488,070	455,000	1,960	2,040	127	122	248,920	248,880

Huntingdon	3,990	3,720	96	92	383,040	342,240	1,010	1,020	100	111	101,000	113,220
Juniata	3,010	2,750	97	100	291,970	275,000	1,000	980	89	97	89,000	95,060
Mifflin	2,960	2,880	97	92	287,120	264,960	820	830	93	92	76,260	76,360
Montour	2,300	2,310	105	83	241,500	191,730	90	90	97	97	8,730	8,730
Northumberland	5,220	5,290	88	97	459,360	513,130	860	840	94	101	80,840	84,840
Perry	3,860	3,810	85	86	328,100	327,660	1,830	1,740	96	102	175,680	177,480
Snyder	3,530	3,320	111	94	391,830	312,080	570	560	125	107	71,250	69,920
Union	3,530	3,330	92	104	324,760	346,320	270	260	91	100	24,570	26,000
CENTRAL	56,800	54,030	101	99	5,708,830	5,373,710	10,260	10,150	104	106	1,065,870	1,073,570
Carbon	1,650	1,670	122	113	201,300	188,710	60	60	127	118	7,620	7,080
Lehigh	6,040	5,690	133	118	803,320	671,420	200	200	134	140	26,800	28,000
Luzerne	4,140	4,030	116	123	480,240	495,690	420	420	134	124	56,280	52,080
Monroe	2,190	2,170	88	108	192,720	234,360	70	70	92	100	6,440	7,000
Northampton	6,520	6,210	102	111	665,040	689,310	120	120	106	102	12,720	12,240
Pike	820	810	121	102	99,220	82,620	60	60	94	90	5,640	5,400
Schuylkill	4,920	4,590	129	138	634,680	633,420	800	780	127	128	101,600	99,840
EAST CENTRAL	26,280	25,170	117	119	3,076,520	2,995,530	1,730	1,710	125	124	217,000	211,640
Allegheny	6,540	6,030	149	119	974,460	717,570	300	290	140	134	42,000	38,860
Fayette	5,520	5,550	122	98	673,440	543,900	180	180	138	122	24,840	21,960
Greene	6,020	5,570	77	77	463,540	428,890	160	160	76	74	12,160	11,840
Somerset	8,200	7,650	85	97	697,000	742,050	260	250	106	112	27,560	28,000
Washington	9,320	8,600	91	100	848,120	860,000	290	280	93	87	26,970	24,360
Westmoreland	9,820	9,460	128	106	1,256,960	1,002,760	550	560	175	140	96,250	78,400
SOUTHWESTERN	45,420	42,860	108	100	4,913,520	4,295,170	1,740	1,720	132	118	229,780	203,420
Adams	7,260	7,090	76	82	551,760	581,380	3,270	3,210	92	102	300,840	327,420
Bedford	6,540	6,490	91	86	595,140	558,140	650	640	107	100	69,550	64,000
Cumberland	7,070	6,810	80	88	565,600	599,280	2,740	2,660	96	104	263,040	276,640
Franklin	11,310	11,390	85	82	961,350	933,980	1,470	1,400	90	99	132,300	138,600
Fulton	2,840	2,800	92	78	261,280	218,400	350	330	112	96	39,200	31,680
York	13,590	13,220	91	88	1,236,690	1,163,360	9,780	9,660	119	113	1,163,820	1,091,580
SOUTH CENTRAL	48,610	47,800	86	85	4,171,820	4,054,540	18,260	17,900	108	108	1,968.750	1,929,920
Berks	11,820	11,670	109	104	1,288,380	1,213,680	3,180	3,120	130	119	413,400	371,280
Bucks	11,370	11,450	111	97	1,262,070	1,110,650	410	400	112	109	45,920	43,600
Chester	13,670	13,430	92	81	1,257,640	1,087,830	1,440	1,420	106	108	152,640	153,360
Delaware	2,310	2,140	102	111	235,620	237,540	100	100	104	118	10,400	11,800
Lancaster	18,360	17,310	108	101	1,982,890	1,748,310	8,930	8,660	128	116	1,143,040	1,004,560
Lebanon	4,650	4,380	99	100	460,350	438,000	2,230	2,140	109	114	243,070	243,960
Montgomery	8,690	8,190	87	85	756,030	696,150	300	310	96	95	28,800	29,450
Philadelphia	860	840	92	100	79,120	84,000	10	10	84	97	840	970
SOUTHEASTERN	71,730	69,410	102	95	7,322,100	6,616,160	16,600	16,160	123	115	2,038,110	1,858,980
PENNSYLVANIA	390,000	374,000	$103	$99	$40,031,000	$36,970,000	53,000	52,000	$113	$110	$5,996,000	$5,723.000
UNITED STATES	15,840,000	15,279,000	$65	$64	$1,036,896,000	$974,886,000	5,733,000	5,734,000	$81	$74	$466,988.000	$426,175,000

TABLE 127—Horses and Mules[1]: Estimated Number on Farms, Average Price and Total Value, Pennsylvania, January 1, 1867 to 1928

Year	HORSES AND COLTS			MULES AND MULE COLTS		
	Estimated number	Average value	Total value	Estimated number	Average value	Total value
1867	404,555	$68.84	$27,848,492	14,610	$82.67	$1,207,879
1868	404,555	69.60	28,155,275	14,902	78.56	1,170,748
1869	408,600	78.81	32,199,850	15,349	100.35	1,540,333
1870	501,500	86.08	43,167,036	21,400	107,53	2,301,074
1871	540,700	96.59	52,223,707	25,200	119.70	3,016,488
1872	546,100	89.07	48,643,444	24,900	119.35	2,971,796
1873	546,100	91.32	49,869,346	24.900	114.37	2,847,743
1874	557,000	90.39	50,347,737	24,900	115.53	2,876,629
1875	573,700	83.94	48,155,875	25,600	105.54	2,701,866
1876	585,100	74.36	43,510,070	25,700	84.42	2,175,500
1877	590,900	70.12	41,434,193	26,000	83.93	2,182,409
1878	614,500	70.98	43,618,740	25,700	84.65	2,175,500
1879	614,500	66.22	40,694,511	24,900	79.74	1,985,532
1880	602,200	67.22	40,479,884	24,700	86.07	2,125,929
1881	602,200	72.70	43,779,940	22,453	84.48	1,896,829
1882	536,255	73.24	39,275,316	22,983	85.72	1,970,103
1883	546,980.	90.47	49,485,281	23,213	106.07	2,462,203
1884	557,920	96.31	53,733,275	23,909	110.74	2,647,683
1885	574,658	97.14	55,822,278	23,909	111.35	2,662,267
1886	577,531	94.10	54,346,474	23,670	109.99	2,603,488
1887	583,306	94.87	55.337,053	23,670	110.51	2,615,691
1888	594,972	93.71	55,757,103	24,143	109.35	2,640,083
1889	600,922	95.06	57,121,786	24,264	110.05	2,670,233
1890	606,931	93.87	56,973,887	24,021	104.18	2,502,471
1891	570,515	91.04	51,937,861	24,021	104.69	2,514,779
1892	621,861	83.41	51,867,709	29,065	101.95	2,963,207
1893	628,080	78.48	49,289.469	29,210	93.75	2,738,294
1894	659,484	63.77	42,053.101	36,513	81.86	2,989,014
1895	646,294	49.02	31,684,058	36,878	62,69	2,312,00
1896	607,516	47.13	28,629,629	36,509	60.72	2,216,99
1897	583,215	44.27	25,819,103	36,144	58.81	2,125,529
1898	565,719	49.25	27,862,207	36,686	63.32	2,322,825
1899	548,747	53.56	29,390,858	37,053	66.99	2,482,216
1900	559.722	59.39	33.243,571	37,794	76.16	2,878,355
1901	567,076	72.95	41,368,710	37,416	79.58	2,977,53
1902	584,088	81.63	47,681,519	36,668	91.37	3,350,379
1903	578,247	81.38	47,055,151	37,035	91.43	3,386,18
1904	595,594	89.64	53,391,436	37,776	93.36	3,526,759
1905	607,506	92.56	56,230,811	38,532	99.87	3,848,12
1906	656,106	102.57	67,296,787	40.459	106,33	4,302,00
1907	607.010	109.00	66,127,689	40,864	123.00	5,024,21
1908	607,000	114.00	69,198,000	41,000	124.00	5,084,00
1909	619,000	116.00	71,804,000	43,000	128.00	5,504,00
1910	550,000	132.00	72,600,000	44,000	145.00	6,380,00
1911	566,000	137.00	77,542,000	44,000	148.00	6.512,00
1912	572,000	130.00	74,360,000	44,000	147.00	6,468,00
1913	578,000	133.00	76,874,000	44,000	149.00	6,556,00
1914	584,000	139.00	81,176,000	45,000	148.00	6,660,00
1915	596,000	134.00	79,864,000	46,000	142.00	6,532,00
1916	602,000	124.00	74.648,000	47.000	137.00	6,439,00
1917	596,000	126.00	75,096,000	48,000	137.00	6,576,00
1918	590,000	126.00	74,340,000	48,000	138.00	6,624,00
1919	570,000	124.00	70,680,000	46,000	129.00	5,934,00
1920	506.000	126.00	63,996,000	55,000	141.00	7,754,00
1921	486,000	122.00	59,216,000	55,000	141.00	7,728,00
1922	473,000	112.00	53,201,000	55,000	126.00	6,930,00
1923	463,000	111.00	51,243,000	55,000	126.00	6.939,00
1924	433,000	100.00	43,354.000	55.000	113.00	6,216,00
1925	410,000	96.00	39 249,000	53,000	105.00	5,573,00
1926	390,000	103.00	40,031,000	53,000	113.00	5,996,00
1927	374,000	99.00	[2]37,025,000	52,000	110.00	5,723,00
1928	359,000	112.00	40,135,000	51,000	121.00	6,157,00

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[1] On the basis of the 1925 Federal Census, the estimates have been revised back to 1920 bu not prior to that year.

[2] Revised January 1, 1928.

TABLE 128—Horses and Mules: Leading Counties in Number, Pennsylvania, January 1, 1927

County	HORSES AND COLTS		County	MULES AND MULE COLTS	
	Number	Total value		Number	Total value
TOTAL OF TEN % of State	120,850 32.3	$11,339.300 30.7	TOTAL OF TEN % of State	36,050 69.3	$4,033,760 70.5
Lancaster	17.310	$1,748,310	York	9,660	$1,091,580
Chester	13,430	1,087,830	Lancaster	8,660	1,004,560
York	13,220	1,163,360	Adams	3,210	327,420
Berks	11,670	1,213,680	Berks	3,120	371,280
Crawford	11,570	948,740	Cumberland	2,660	276,640
Bucks	11,450	1,110,650	Lebanon	2,140	243,960
Franklin	11,3[illegible]0	933,980	Dauphin	2,040	248,880
Bradford	11,090	1,308,620	Perry	1,740	177,480
Erie	9,890	919,770	Chester	1,420	153,330
Mercer	9,830	904,360	Franklin	1,400	138,600

AGE AND BIRTH RATE OF HORSES AND MULES

An explanation of the decline in number of horses and mules on Pennsylvania farms is found in part in the diminishing number of colts foaled. Young stock, or colts under two years of age, have reached the point in recent years of being inadequate for the replacement of worn-out work stock.

The trend is apparent from a study of census reports. For every 1,000 head of horses and mules January 1, the number of colts foaled the year preceding was estimated to have been 93 in 1889, 47 in 1899, 55 in 1909, 28 in 1919 and 16 in 1924. Reports of practices from 1920 to date on the farms of crop reporters substantiate the conclusions drawn from the census as to trend, but the foaling percentages for reporters' farms are consistently higher. For every 1,000 horses and mules the following January 1, colts foaled were 42 in 1919, 44 in 1920, 30 in 1921, 24 in 1922, 30 in 1923, 24 in 1924 and 31 in 1925.

In 1925 colts one year old or under represented only three per cent of the total number of horses and mules on Pennsylvania farms; only 7 per cent of the horses and 10 per cent of the mules were under four years of age—colts included. Forty-one per cent of the horses and 44 per cent of the mules were four to nine years old and 52 and 46 per cent respectively were over 10 years old.

Table 129—Milk Cows and Heifers[1] and Other Cattle: Leading Counties in Number, Pennsylvania, January 1, 1927

County	MILK COWS AND HEIFERS [1]		County	OTHER CATTLE	
	Number	Total value		Number	Total value
TOTAL OF TEN % of State	209.210 36.6	$26,008,470 38.5	TOTAL OF TEN % of State	158.320 36.1	$5,867,600 37.7
Lancaster	39,800	$3,382,970	Lancaster	40,700	$2,332,660
Chester	37,370	3,325,930	Chester	13,840	653,090
Bradford	35,580	2,917,560	Crawford	13,830	308,780
Crawford	31,720	2,442,440	Somerset	13,780	288,850
York	29,670	2,432,940	York	13,410	345,720
Susquehanna	29.320	2,785,400	Westmoreland	13,140	513,800
Erie	28,980	2,376,360	Bradford	12,890	300,850
Berks	27,890	2,593,770	Mercer	12,650	401,890
Tioga	26,570	1,964,700	Berks	12,110	446,230
Wayne	22,330	1,786,400	Washington	11,970	275,730

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[1] Cows and heifers 2 years old and over kept for milk.

TABLE 130—Milk Cows and Heifers, Two Years Old and Over, and All Other Cattle: Estimated Number on Farms, Average Price and Total Value, Pennsylvania, January 1, 1926 and 1927

County and district	MILK COWS AND HEIFERS, Two Years Old and Over						ALL OTHER CATTLE					
	Estimated number		Average value		Total value		Estimated number		Average value		Total value	
	1926	1927	1926	1927	1926	1927	1926	1927	1926	1927	1926	1927
Crawford	33,440	31,720	$74	$77	$2,474,560	$2,442,440	13,380	13,830	$23	$22	$311,230	$308,780
Erie	29,610	28,980	80	82	2,368,800	2,376,360	11,340	11,2[illegible]0	35	23	395,330	260,760
Forest	950	860	59	60	56,050	51,600	760	750	21	27	15,940	19,880
Mercer	19,800	20,360	73	73	1,445,400	1,486,280	12,480	12.650	32	32	394,560	407,890
Venango	7,380	7,070	60	67	442,800	473,690	4,150	4,790	21	23	88,730	109,820
Warren	11,740	11,960	63	66	739,620	789,360	5,080	4,570	26	25	131,660	113,180
NORTHWESTERN	102,920	100,950	73	75	7,527,230	7,619,730	47,190	47,810	28	25	1,337,450	1,214,310
Bradford	35,780	35,580	83	82	2,969,740	2,917,560	12,260	12,890	23	23	282,570	300,850
Cameron	320	340	63	69	20,160	22,780	630	610	24	28	15,650	17,030
Clinton	4,620	4,520	79	71	364,980	320,920	2,090	2,410	32	46	67,140	110,120
Elk	3,020	3,140	66	71	199,320	222,940	1,610	1,590	30	33	48,380	52,350
Lycoming	16,640	16,450	76	75	1,264,640	1,233,750	6,840	6,160	23	23	158,250	143,200
McKean	6,120	6,360	72	72	440,640	521,520	4,370	3,480	39	23	170,930	80,690
Potter	11,700	10,980	55	66	643,500	724,600	5.050	5,480	23	40	116,950	216,830
Sullivan	4,110	3.820	62	72	254,820	275,040	2,250	2,240	31	27	68,900	60,680
Tioga	27,700	26,550	68	74	1,883,600	1,964,700	9,750	11,080	34	26	333,440	285,570
NORTH CENTRAL	110,010	107,740	73	76	8,041,400	8,203,890	44,850	45,940	28	28	1,262,210	1,267,320
Lackawanna	9,360	8,880	96	97	898,560	861,360	2,690	3,080	33	33	89,540	101,420
Susquehanna	29,070	29,320	86	95	2,500,020	2,785,400	9,150	9,390	33	43	297,680	404,300
Wayne	23,060	22,330	75	80	1,729,500	1,786,400	7,060	6,970	24	41	168,060	288,040
Wyoming	9,450	8,680	85	99	803,250	859,320	2,020	2,250	25	38	50,120	85,030
NORTHEASTERN	70,940	69,210	84	91	5,931,330	6,292,480	20,920	21,690	29	41	605,400	878,790
Armstrong	9,920	9,610	59	71	585,280	682,310	6,780	7,270	23	41	156,200	296,730
Beaver	8,520	8,510	72	83	613,440	706,330	3,400	3,680	29	44	96,990	162,820
Butler	14,070	13,490	70	80	984,900	1,079,200	9,440	9,910	37	24	352,820	235,880
Clarion	10,370	10,560	61	66	632,570	696,960	7,730	7,590	30	34	234,420	255,920
Indiana	11,840	11,230	51	61	603,840	685,030	6,690	7,750	24	23	163,300	174,760
Jefferson	7,240	7,300	53	61	383,720	445,300	4,250	4,420	26	37	111,500	165,310
Lawrence	11,570	11,550	71	73	821,470	843,150	5,530	5.260	40	31	219,920	160,410
WEST CENTRAL	73,530	72,250	63	71	4,625,220	5,138,280	43,820	45,880	30	32	1,335,150	1,451,830
Blair	8,310	7,970	60	72	498,600	573.840	3,380	3,630	31	20	105,770	73,440
Cambria	8,380	7,870	74	81	620,120	637,470	4,300	4.340	25	43	108,980	187,930
Centre	12,730	12,200	76	89	967,480	1,085,800	7,590	7,570	33	46	247,660	345,550
Clearfield	7,170	7,160	74	68	530,580	486,880	6,370	6,750	24	32	154,540	215,580
Columbia	8,930	8,560	66	73	589,380	624,880	4,060	4,620	26	43	105,590	200,190

Dauphin	13,420	12,860	73	86	979,660	1,105,960	5,490	5,550	36	52	196,540	285,840
Huntingdon	8,100	8,250	60	68	486,000	561,000	6,150	6,220	30	28	182,330	175,520
Juniata	6,540	6,730	76	80	497,040	538,400	2,870	2,330	21	26	60,970	59,560
Mifflin	6,780	6,910	65	75	440,700	518,250	4,330	4,120	24	25	102,580	103,840
Montour	3,870	3,980	71	83	274,770	330,340	2,060	2,080	43	42	89,330	87,800
Northumberland	9,540	9,140	66	74	629,640	676,360	4,900	5,050	26	42	125,570	210,520
Perry	8,070	8,220	61	63	492,270	517,860	5,790	5,400	24	34	139,750	182,210
Snyder	6,520	6,180	67	72	436,840	444,960	3,400	3,470	32	32	107,770	110,880
Union	7,530	7,290	69	79	519,570	575,910	2,080	1,540	27	58	57,030	89,870
CENTRAL	115,890	113,320	69	77	7,962,650	8,677,910	62,770	62,670	28	37	1,784,410	2,828,730
Carbon	2,290	2,290	93	90	212,970	206,100	1,140	1,220	44	52	50,110	63,120
Lehigh	9,330	8,940	86	85	802,380	759,900	2,950	2,890	24	27	71,960	78,850
Luzerne	8,660	8,390	66	73	571,560	612,470	3,140	2,970	28	23	88,060	69,130
Monroe	4,800	4,840	69	69	331,200	333,960	1,470	1,200	23	22	33,090	26,630
Northampton	11,260	10,570	75	93	844,500	983,010	2,350	2,670	36	34	85,060	92,080
Pike	2,160	2,160	62	67	133,920	144,720	580	670	20	23	11,570	15,180
Schuylkill	6,740	6,660	85	86	572,900	572,760	3,580	3,380	24	23	84,480	77,830
EAST CENTRAL	45,240	43,850	77	82	3,469,430	3,612,920	15,210	15,000	28	28	424,330	422,820
Allegheny	13,140	12,730	83	80	1,090,620	1,018,400	5,160	5,750	30	50	153,780	286,290
Fayette	9,420	9,500	76	72	715,920	684,000	6,090	6,150	39	42	237,950	256,570
Greene	7,730	7,330	57	60	440,610	439,800	10,950	10,660	26	41	287,910	432,720
Somerset	15,300	15,580	61	64	933,300	997,120	15,190	13,780	30	21	460,090	288,850
Washington	21,030	21,630	67	73	1,409,010	1,578,990	13,160	11,970	31	23	406,480	275,730
Westmoreland	18,410	18,750	84	84	1,546,440	1,575,000	13,280	13,140	42	39	557,780	513,800
SOUTHWESTERN	85,030	85,520	72	74	6,135,900	6,293,310	63,830	61,450	33	33	2,103,990	2,053,960
Adams	11,330	10,700	64	75	725,120	802,500	7,910	8,020	47	33	371,560	266,410
Bedford	15,890	15,390	60	65	953,400	1,000,350	9,070	8,640	24	24	217,220	208,360
Cumberland	15,610	14,960	86	83	1,342,460	1,241,680	6,830	6,870	45	39	306,880	268,960
Franklin	18,790	17,820	71	86	1,334,090	1,532,520	7,710	9,280	28	39	218,810	364,480
Fulton	4,020	4,090	64	71	257,280	290,390	2,920	2,520	29	34	84,860	85,060
York	30,270	29,670	65	82	1,967,550	2,432,940	14,540	13,410	43	26	617,990	345,720
SOUTH CENTRAL	95,910	92,630	69	79	6,579,900	7,300,380	48,980	48,740	37	32	1,817,320	1,538,990
Berks	28,500	27,890	84	93	2,394,000	2,593,770	11,180	12,110	33	37	363,760	446,230
Bucks	22,840	22,120	78	95	1,781,520	2,101,400	5,750	6,550	29	45	168,320	295,410
Chester	37,800	37,370	91	89	3,439,800	3,325,930	14,310	13,840	46	47	661,260	653,090
Delaware	5,310	5,040	82	96	435,420	483,840	1,670	1,750	38	40	62,950	70,220
Lancaster	39,450	39,800	75	85	2,958,680	3,382,970	41,760	40,700	55	57	2,279,370	2,332,660
Lebanon	10,110	9,780	76	86	768,360	841,080	8,350	8,100	48	56	398,310	449,860
Montgomery	17,590	16,690	94	99	1,653,460	1,652,310	5,360	5,640	45	29	239,920	163,120
Philadelphia	930	840	90	95	83,700	79,800	50	130	37	44	1,850	5,660
SOUTHEASTERN	162,530	159,530	83	91	13,514,940	14,461,100	88,430	88,220	47	50	4,175,740	4,416,250
PENNSYLVANIA	862,000	845,000	$74	$80	$63,788,000	$67,600,000	436,000	438,000	$34	$36	$14,846,000	$15,573,000
UNITED STATES	22,148,000	21,824,000	$57	$62	$1,275,430,000	$1,361,968,000	37,000,000	35,697,000	$27	$30	$1,015,185,000	$1,068,625,000

TABLE 131—All Cattle and Calves: Estimated Number on Farms, Average Price and Total Value, Pennsylvania, January 1, 1926 and 1927

County and district	Estimated number		Average value		Total value		Distribution January 1, 1927							
							Milk cows and heifers 2 years and over		Heifers 1 to 2 years for milk		Heifer calves under 1 year for milk		All other cattle	
	1926	1927	1926	1927	1926	1927	Number	P.ct.	Number	P.ct.	Number	P.ct.	Number	P.ct.
Crawford	46,820	45,550	$59.50	$60.40	$2,785,790	$2,751,220	31,720	70	4,610	10	5,070	11	4,150	9
Erie	40,950	40,200	67.50	65.60	2,764,130	2,637,120	28,980	72	3,210	8	3,210	8	4,800	12
Forest	1,710	1,610	42.10	44.40	71,990	71,480	860	53	230	14	240	15	280	18
Mercer	32.280	33,010	57.00	57.20	1,839,960	1,888,170	20,360	62	4,330	13	3,330	10	4,990	15
Venango	11,530	11,860	46.10	49.20	531.530	583,510	7,070	61	1,230	10	1,720	14	1,840	15
Warren	16,820	16.530	51.80	54.60	871,280	902,540	11,960	72	1,480	9	2,110	13	980	6
NORTHWESTERN	150.110	148,760	59.05	59.38	8,864,680	8,834,040	100,950	68	15,090	10	15,680	11	17,040	11
Bradford	48.010	48,470	67.70	66.40	3,252,310	3,218,410	35,580	73	3,820	8	6,200	13	2,870	6
Cameron	950	950	37.70	41.90	35,810	39,810	340	36	190	20	210	22	210	22
Clinton	6,710	6,930	64.40	62.20	432,120	431,040	4,520	65	1,170	17	620	9	620	9
Elk	4,630	4,730	53.50	58.20	247,700	275,290	3.140	66	610	13	510	11	470	10
Lycoming	23.480	22.610	60.60	60.90	1,422,890	1,376,950	16,450	73	2,740	12	1,140	5	2,280	10
McKean	10,490	9,840	58.30	61.20	611,570	602,210	6,360	65	1,790	18	990	10	700	7
Potter	16,750	16.460	45.40	57.20	760,450	941,510	10,980	67	2,160	13	2,160	13	1,160	7
Sullivan	6,360	6,060	50.90	55.40	323,720	335,720	3,820	63	1,150	19	670	11	420	7
Tioga	37,450	37.630	59.20	59.80	2,217,040	2,250,270	26,550	71	4,200	11	4,590	12	2,290	6
NORTH CENTRAL	154.980	153,680	60.08	61.63	9,303,610	9,471,210	107,740	70	17,830	12	17,090	11	11,020	7
Lackawanna	12.050	11,960	82.00	80.50	988,100	962,780	8,880	74	1,420	12	950	8	710	6
Susquehanna	38,220	38.710	73.20	82.40	2,797,700	3,189,700	29,320	76	4,690	12	3,130	8	1,570	4
Wayne	30,120	29,300	63.00	70.80	1,897,560	2,074,440	22,330	76	2,610	9	2,900	10	1,460	5
Wyoming	11,470	10,930	74.40	86.40	853,370	944,350	8,680	79	1,280	12	220	2	750	7
NORTHEASTERN	91,860	90,900	71.16	78.89	6,536,730	7,171,270	69,210	76	10,000	11	7,200	8	4,490	5
Armstrong	16,700	16.880	44.40	58.00	741,480	979,040	9,610	57	1,520	9	680	4	5,070	30
Beaver	11,920	12,190	59.60	71.30	710,430	869,150	8,510	70	1,350	11	1,470	12	860	7
Butler	23,510	23,400	56.90	56.20	1,337,720	1,315,080	13,490	58	4,490	19	2,830	12	2,590	11
Clarion	18,100	18,150	47.90	52.50	866,990	952,880	10,560	58	1,990	11	2,170	12	3.430	19
Indiana	18,530	18,980	41.40	45.30	767,140	859,790	11,230	59	2,080	11	2,650	14	3,020	16
Jefferson	11,490	11,720	43.10	52.10	495,220	610.610	7,300	63	840	7	960	8	2,620	22
Lawrence	17,100	16,810	60.90	59.70	1,041,390	1,003,560	11,550	69	2,370	14	1,700	10	1,190	7
WEST CENTRAL	117,350	118,130	50.79	55.79	5,960,370	6,590,110	72,250	61	14,640	12	12,460	11	18,780	16
Blair	11,690	11.600	51.70	55.80	604,370	647,280	7,970	69	1,170	10	940	8	1,520	13
Cambria	12.680	12.210	57.50	67.60	729.100	825,400	7,870	64	1,810	15	1,690	14	840	7
Centre	20.320	19,770	59.80	72.40	1,215,140	1,431,350	12,200	62	2,590	13	1,390	7	3,590	18
Clearfield	13.540	13,910	50.60	50.50	685,120	702,460	7,160	51	2,890	21	1,790	13	2,070	15
Columbia	12,990	13,180	53.50	62.60	694,790	825,070	8,560	65	1,450	11	660	5	2,510	19

Dauphin	18,910	18,410	62.20	75.60	1,176,200	1,391,800	12,860	70	930	5	930	5	3,690	20
Huntingdon	14,250	14,470	46.90	50.90	668,330	736,520	8,250	57	3,040	21	1,590	11	1,590	11
Juniata	9,410	9,060	59.30	66.00	558,010	597,960	6,730	74	630	7	1,070	12	630	7
Mifflin	11,110	11,030	48.90	56.40	543,280	622,090	6,910	63	780	7	1,670	15	1,670	15
Montour	5,930	6,060	61.40	69.00	364,100	418,140	3,980	66	860	14	120	2	1,100	18
Northumberland	14,440	14,190	52.30	62.50	755,210	886,880	9,140	64	1,680	12	1,270	9	2,100	15
Perry	13,860	13,620	45.60	51.40	632,020	700,070	8,220	60	1,210	9	810	6	3,380	25
Snyder	9,920	9,650	54.90	57.60	544,610	555,840	6,180	64	960	10	770	8	1,740	18
Union	9,610	8,830	60.00	75.40	576,600	665,780	7,290	82	600	6	340	4	600	6
CENTRAL	178,660	175,990	54.56	52.54	9,747,060	11,006,640	113,320	64	20,600	12	15,040	9	27,030	15
Carbon	3,430	3,510	76.70	76.70	263,080	269,220	2,290	65	280	8	630	18	310	9
Lehigh	12,280	11,830	71.20	70.90	874,340	838,750	8,940	76	1,330	11	720	6	840	7
Luzerne	11,800	11,360	55.90	60.00	659,620	681,600	8,390	74	1,030	9	1,260	11	680	6
Monroe	6,270	6,040	58.10	59.70	364,290	360,590	4,840	80	360	6	360	6	480	8
Northampton	13,610	13,240	68.30	81.20	929,560	1,075,090	10,570	80	670	5	1,330	10	670	5
Pike	2,740	2,830	53.10	56.50	145,490	159,900	2,160	76	310	11	280	10	80	3
Schuylkill	10,320	10,040	63.70	64.80	657,380	650,590	6,060	66	1,190	12	390	4	1,800	18
EAST CENTRAL	60,450	58,850	64.41	68.58	3,893,760	4,035,740	43,850	75	5,170	9	4,970	8	4,860	8
Allegheny	18,300	18,480	68.00	70.60	1,244,400	1,304,690	12,730	69	2,230	12	1,110	6	2,410	13
Fayette	15,510	15,650	61.50	60.10	953,870	940,570	9,500	61	2,370	15	1,410	9	2,370	15
Greene	18,680	17,990	39.00	48.56	728,520	872,520	7,330	41	1,990	11	1,440	8	7,230	40
Somerset	30,490	29,360	45.70	43.80	1,393,390	1,285,970	15,580	53	2,350	8	1,760	6	9,670	33
Washington	34,190	33,600	53.10	55.20	1,815,490	1,854,720	21,630	64	5,330	16	3,320	10	3,320	10
Westmoreland	31,690	31,890	66.40	65.50	2,104,220	2,088,800	18,750	59	4,490	14	4,810	15	3,840	12
SOUTHWESTERN	148,860	146,970	55.35	56.80	8,239,890	8,347,270	85,520	58	18,760	13	13,850	9	28,840	20
Adams	19,240	18,720	57.00	57.10	1,096,680	1,068,910	10,700	57	1,300	7	560	3	6,160	33
Bedford	24,960	24,030	46.90	50.30	1,170,620	1,208,710	15,390	64	4,320	18	2,160	9	2,160	9
Cumberland	22,440	21,830	73.50	69.20	1,649,340	1,510,640	14,960	69	1,330	6	1,550	7	3,990	18
Franklin	26,500	27,100	58.60	70.00	1,552,900	1,897,000	17,820	66	2,450	9	2,450	9	4,380	16
Fulton	6,940	6,610	49.30	56.80	342,140	375,450	4,090	62	590	9	260	4	1,670	25
York,	44,810	43,080	57.70	64.50	2,585.540	2,778,660	29,670	69	2,590	6	1,730	4	9,090	21
SOUTH CENTRAL	144,890	141,370	57.96	62.53	8,397,220	8,839,370	92,630	66	12,580	9	8,710	6	27,450	19
Berks	39,680	40,000	69.50	76.00	2,757,760	3,040,000	27,890	70	3,230	8	2,420	6	6,460	16
Bucks	28,590	28,670	68.20	83.60	1,949,840	2,396,810	22,120	77	1,710	6	1,140	4	3,700	13
Chester	52,110	51,210	78.70	77.70	4,101,060	3,979,020	37,370	73	6,160	12	3,580	7	4,100	8
Delaware	6,980	6,790	71.40	81.60	498,370	554,060	5,040	74	400	6	810	12	540	8
Lancaster	81,210	80,500	64.50	71.00	5,238,050	5,715,630	39,800	49	3,980	5	3,980	5	32,740	41
Lebanon	18,460	17,880	63.20	72.20	1,166,670	1,290,940	9,780	55	540	3	360	2	7,200	40
Montgomery	22,950	22,330	82.50	81.30	1,893,380	1,815.430	16,690	75	900	4	1.350	6	3,390	15
Philadelphia	980	970	87.30	88.10	85,550	85,460	840	87	60	6	----------	-----	70	7
SOUTHEASTERN	250,960	248,350	70.49	77.89	17,690,680	18,877,350	159,530	64	16,980	7	13,640	6	58,200	23
PENNSYLVANIA	1,298,000	1,283,000	$60,58	$64.83	$78,634,000	$83,173,000	845,000	66	131,650	10	109,640	9	197,710	15
UNITED STATES	59,148,000	57,521,000	$38.73	$42.26	$2,290,615,000	$2,430,593,000	----------	-----	----------	-----	----------	-----	----------	-----

TABLE 132—Cattle: Animals Under Supervision in Tuberculosis Eradication Work,[1] Pennsylvania

[Bureau of Animal Industry, Pennsylvania Department of Agriculture]

County and district	Town-ships	PLANS							Date of last area test[2]	Cattle including calves on farms Jan. 1, 1927
		Modified Accredited Area			Individual Accredited Herd		Both			
		Town-ships	Herds	Cattle	Herds	Cattle	Herds	Cattle		
Crawford	35	35	5,693	48,376	19	635	5,712	49,011	Apr. 1925	45,550
Erie	21	14	3,059	23,180	112	2,588	3,171	25,774	June 1926	40,200
Forest	8	6	413	1,451	-----	-----	413	1,451	June 1926	1,610
Mercer	32	32	4,431	32,521	39	751	4,470	33,272	May 1924	33,610
Venango	21	18	2,091	10,254	106	1,585	2,197	11,839	May 1926	11,860
Warren	23	10	1,493	12,435	37	1,197	1,530	13,632	Aug. 1926	16,530
NORTHWESTERN	140	115	17,180	128,223	313	6,756	17,493	134,979		148,760
Bradford	37	16	1,575	16,267	420	8,252	1,995	24,519	July 1926	48,470
Cameron	5	5	255	945	-----	-----	255	945	May 1926	950
Clinton	21	3	332	2,389	8	165	340	2,554	Dec. 1926	6,930
Elk	10	8	1,132	4,693	37	436	1,169	5,129	June 1926	4.730
Lycoming	42	-----	-----	-----	128	1,994	128	1,994		22,610
McKean	15	15	1,811	9,928	38	598	1,849	10,526	Sept. 1926	9,840
Potter	24	24	1,872	15,928	57	755	1,929	16,683	Aug. 1926	16.460
Sullivan	9	-----	-----	-----	134	1,699	134	1,699		6,060
Tioga	29	17	2,400	25,973	211	3,246	2,611	29,219	June 1926	37,630
NORTH CENTRAL	192	82	9,377	76,123	1,033	17,145	10.410	93,268		153,680
Lackawanna	19	-----	-----	-----	81	1,778	81	1,778		11,960
Susquehanna	27	23	2,489	28,024	252	5,309	2,741	33,333	July 1926	38,710
Wayne	22	1	127	1,086	190	3,704	317	4,790	Dec. 1925	29,300
Wyoming	18	3	268	2,001	100	1,904	368	3,905	Aug. 1926	10,930
NORTHEASTERN	86	27	2,884	31,111	623	12,695	3,507	43,806		90,900
Armstrong	28	-----	-----	-----	307	2,208	307	2,208		16,880
Beaver	27	15	1,873	5,874	189	2,140	2,062	8,014	July 1926	12,190
Butler	34	33	4,207	21,812	163	2,209	4,370	24,021	Oct. 1926	23,400
Clarion	22	17	2,368	13,710	42	398	2,410	14,108	Apr. 1926	18,150
Indiana	24	24	4,493	18,849	76	1,563	4,569	20,412	Nov. 1926	18,980
Jefferson	23	23	3,720	13,107	30	335	3,750	13,442	Jan. 1924	11,720
Lawrence	17	17	2,293	15,185	195	3,333	2,488	18,518	Dec. 1926	16,810
WEST CENTRAL	175	129	18,954	88,537	1,002	12,186	19,956	100,723		118,130
Blair	15	5	599	4,586	141	1,539	740	6,125	July 1926	11,600
Cambria	30	-----	-----	-----	191	2,272	191	2,272		12,210
Centre	25	4	390	3,414	311	5,114	701	8,528	Aug. 1926	19,770
Clearfield	30	30	5,324	14,884	20	237	5,344	15,121	July 1926	13,910
Columbia	23	20	2,133	9,722	137	1,474	2,270	11,196	Nov. 1925	13,180

Dauphin	23				33	520	33	520		18,410
Huntingdon	30	27	1,992	11,466	65	1,155	2,057	12,621	Apr. 1926	14,470
Juniata	13	4	338	2,359	147	1,661	485	4,020	July 1926	9,060
Mifflin	10	3	392	3,029	74	1,226	466	4,255	Feb. 1926	11,030
Montour	9				109	1,248	109	1,248		6,060
Northumberland	24	8	902	5,784	112	1,245	1,014	7,029	July 1926	14,190
Perry	21	1	30	209	85	951	115	1,160	Apr. 1926	13,620
Snyder	15	4	368	2,452	196	2,012	564	4,464	Aug. 1926	9,650
Union	10	10	1,146	7,652	72	938	1,218	8,590	Aug. 1926	8,830
CENTRAL	278	116	13,614	65,557	1,693	21,592	15,307	87,149		175,990
Carbon	12				74	700	74	700		3,510
Lehigh	15				58	975	58	975		11,830
Luzerne	35	5	722	3,201	27	585	749	3,786	Sept. 1926	11,360
Monroe	16	3	270	1,046	82	680	352	1,726	Oct. 1925	6,040
Northampton	17				33	401	33	401		13,240
Pike	11				12	145	12	145		2,830
Schuylkill	37				75	961	75	961		10,040
EAST CENTRAL	143	8	992	4,247	361	4,447	1,353	8,694		58,850
Allegheny	56				157	2,586	157	2,586		18,480
Fayette	24	7	2,066	5,911	54	998	2,120	6,909	Sept. 1925	15,650
Greene	18				22	423	22	423		17,990
Somerset	25	5	1,133	6,541	334	3,550	1,467	10,091	Mar. 1926	29,360
Washington	34	7	1,441	7,905	167	3,407	1,608	11,312	Sept. 1926	33,600
Westmoreland	23	12	3,433	13,607	200	2,477	3,633	16,084	Aug. 1926	31,890
SOUTHWESTERN	189	31	8,073	33,964	934	13,441	9,007	47,405		146,970
Adams	21				34	438	34	438		18,720
Bedford	25	1	146	1,365	510	4,671	656	6,036	Nov. 1925	24,030
Cumberland	20				163	1,918	163	1,918		21,830
Franklin	15	9	2,246	13,731	311	3,166	2,557	16,897	Feb. 1926	27,100
Fulton	11				11	156	11	156		6,610
York	35	6	1,273	5,221	222	2,173	1,495	7,394	June 1926	43,080
SOUTH CENTRAL	127	16	3,665	20,317	1,251	12,522	4,916	32,839		141,370
Berks	44				114	2,058	114	2,058		40,000
Bucks	30				176	3,319	176	3,319		28,670
Chester	57	4	459	2,509	181	3,879	640	6,388	Jan. 1926	51,210
Delaware	21				44	1,822	44	1,822		6,790
Lancaster	41	2	212	784	199	3,044	411	3,828	June 1926	80,500
Lebanon	19				74	1,191	74	1,191		17,880
Montgomery	37	1	59	164	144	2,712	203	2,876	Jan. 1926	22,330
Philadelphia					10	242	10	242		970
SOUTHEASTERN	249	7	730	3,457	942	18,267	1,672	21,724		248,350
PENNSYLVANIA	1,570	531	75,469	451,536	8,152	119,051	83,621	570,587		1,283,000

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[1] This summary is made as of December 31, 1926. A number of cattle under supervision of the Bureau but not on farms are included in the figures. In 1920 the Census reported 89,919 cattle in Pennsylvania not on farms; in 1910, 91,699.

[2] Prior to December 31, 1926.

TABLE 133—Milk Cows and All Other Cattle[1]: Estimated Number on Farms, Average Price and Total Value, Pennsylvania, January 1, 1867 to 1928

Year	MILK COWS [2]			ALL OTHER CATTLE		
	Estimated number	Average value	Total value	Estimated number	Average value	Total value
1867	657,362	$35.19	$23,129,765	693,351	$24.56	$17,025,708
1868	663,935	32.45	21,543,132	707,218	23.39	16,539,199
1869	663,935	34.74	23,066,355	721,362	26.98	19,465,070
1870	725,000	38.61	27,989,901	725,000	29.88	21,666,323
1871	788,900	42.16	33,259,226	760,900	37.41	28,463,296
1872	788,900	35.89	28,316,522	722,800	28.42	20,544,480
1873	796,700	31.64	25,207,531	715,500	26.85	19,213,917
1874	812,600	30.23	24,562,682	722,600	24.08	17,401,522
1875	828,800	31.71	26,281,196	722,600	25.34	18,314,031
1876	837,000	30.45	25,484,776	708,100	25.49	18,047,535
1877	845,300	31.97	27,027,664	701,000	24.11	16,898,063
1878	836,800	32.61	27,285,541	693,900	25.12	17,428,500
1879	828,400	20.24	16,766,617	687,000	23.56	16,183,277
1880	836,700	26.66	22,306,422	659,500	21.69	14,304,555
1881	828,333	26.24	21,735,458	626,525	23.45	14,692,011
1882	858,427	30.75	26,396,630	884,842	28.70	25,394,965
1883	867,011	35.89	31,117,025	875,994	29.76	26,069,581
1884	884,351	36.66	32,420,308	875,994	31.75	27,812,809
1885	893.195	34.05	30,413,290	875,994	30.55	26,761,617
1886	902,127	30.10	27,154,023	858,474	27.36	23,484,680
1887	911,148	29.00	26,423,292	867,059	26.14	22,663,198
1888	929,371	28.60	26,580,011	867,059	26.09	22,620,106
1889	929,371	27.56	25,613,465	869,660	24.54	21,344,240
1890	938,665	28.06	26,338,940	852,267	23.67	20,175,387
1891	919,892	26.67	24,533,520	835,222	22.71	18,965,976
1892	929,091	25.25	23,459,548	835,222	22.17	18,514,790
1893	938,382	25.75	24,163,337	793,461	22.05	17,491,915
1894	938,382	25.55	23,975,660	737.919	21.64	15,965,972
1895	938,382	24.56	23,046,662	686,265	20.57	14,118,804
1896	947,766	24.22	22,954,893	610,776	20.70	12,642,879
1897	938,288	25.93	24,329.898	568,022	21.62	12,278,880
1898	928,905	29.60	27,495,588	550.981	23.64	13,025,756
1899	924.260	31.50	29,114,190	528,942	25.59	13,538,007
1900	970,473	33.15	32,171,180	523,653	27.34	14,314,810
1901	1,004,157	32.93	33,066,890	848,427	17.94	15,220,778
1902	1,034,282	32.62	33,738,279	831,458	17.20	14,298,760
1903	1,044,625	31.54	32,947,472	823,143	16.56	13,630,431
1904	1,055,071	34.08	35,956,820	798,449	21.83	17,431,341
1905	1,086,723	29.91	32,503,885	774,496	15.95	12,350,887
1906	1,097,590	34.30	37,647,337	867.436	17.40	15,093,386
1907	1,141,494	36.00	41,093,784	984,750	18.00	17,479,308
1908	1,152,000	36.60	41,472,000	965.000	18.00	17,370.000
1909	1,152,000	37.00	42,624,000	965,000	18.50	17,852,000
1910	934,000	39.00	36,426.000	653.000	19.20	12,538,000
1911	953,000	44.50	42,408,000	640,000	21.40	13,696,000
1912	943,000	43.70	41,209,000	627,000	21.70	13,606,000
1913	943,000	46.60	43,914,600	614,000	23.60	14,490,000
1914	943,000	58.40	55,071.000	632,000	28.30	17,886,000
1915	943,000	59.50	56,108,000	638,000	29.30	18,693,000
1916	971,000	56.50	54,862,000	657,000	27.10	17,805,000
1917	980,000	62.50	61,250,000	664,000	30.80	20,451,000
1918	960,000	75.00	72,000,000	717,000	36.80	26,386,000
1919	960,000	85.00	81,600,000	720.000	40.70	29,304,000
1920	893,000	98.00	87,514,000	653,000	48,00	31,337,000
1921	893,000	77.00	68,761,000	597,000	37.30	22,263,000
1922	900.000	60.00	54,000,000	582,000	29.50	17,162,000
1923	925,000	60.00	55,500.000	523,000	29.30	15,327,000
1924	898,000	62.00	55,676,000	489,000	30.00	14,683,000
1925	889,000	61.00	54,229,000	429,000	31.10	13,338,000
1926	862,000	74.00	63,788,000	436,000	34.10	14,846,000
1927	845,000	80.00	67,600,000	[3]444,000	35.60	[3]15,812,000
1928	855,000	103.00	88,065,000	477,000	41.10	21,049,000

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[1] On the basis of the 1925 Federal Census, the estimates have been revised back to 1920 but not prior to that year.

[2] Beginning with 1920, the estimates are of cows and heifers two years old and over kept for milk. See discussion of cattle estimates on page 54.

[3] Revised January 1, 1928.

TABLE 134—Milk: Index to Production on Farms[1], Pennsylvania, July, 1924—December, 1927

Year and month	Number of herds reported	Average number of cows in herds	Per cent of cows milked	Average one-day production of milk: Per cow milked	Average one-day production of milk: Per cow in herd	Average one-day production of milk: Per herd	Percentage of relative milkings in each month[2]
				Lbs.	Lbs.	Lbs.	
1924							
July 1	405	9.5	83.3	22.9	19.1	181.5	------------
Aug. 1	275	9.2	81.2	20.9	17.0	155.7	------------
Sept. 1	578	8.9	82.1	19.6	16.1	143.7	------------
Oct. 1	329	9.5	79.6	19.3	15.4	145.8	------------
Nov. 1	318	9.5	78.9	19.0	15.0	143.0	------------
Dec. 1	387	8.8	76.9	19.0	14.6	128.7	------------
1925							
Jan. 1	735	8.6	74.0	18.9	14.0	120.0	7.4%
Feb. 1	733	8.4	72.1	19.6	14.1	119.0	7.3
Mar. 1	593	8.4	73.5	20.8	15.3	129.4	8.0
Apr. 1	698	8.3	75.2	20.7	15.6	129.6	8.0
May 1	618	8.5	79.3	20.8	16.5	139.7	8.6
June 1	538	8.7	81.4	23.4	19.1	166.3	10.3
July 1	615	8.5	83.7	21.7	18.1	153.3	9.5
Aug. 1	541	8.5	82.3	21.4	17.6	150.2	9.3
Sept. 1	635	8.5	78.5	20.3	15.9	135.1	8.3
Oct. 1	771	9.0	76.5	19.5	14.9	135.0	8.3
Nov. 1	797	8.3	76.5	19.2	14.7	122.1	7.5
Dec. 1	1067	8.4	75.8	19.0	14.4	121.4	7.5
12 milkings	695	8.5	77.4	245.3	190.2	1621.1	100.0
1926							
Jan. 1	986	8.1	75.9	19.5	14.8	120.6	7.2
Feb. 1	973	8.1	75.3	20.5	15.4	125.4	7.5
Mar. 1	770	8.1	73.7	21.8	16.0	130.2	7.8
Apr. 1	805	8.1	75.1	23.5	17.7	142.9	8.5
May 1	822	8.2	79.7	22.1	17.6	145.0	8.7
June 1	910	8.2	83.4	24.7	20.6	168.6	10.1
July 1	766	8.2	83.9	24.7	20.7	169.1	10.1
Aug. 1	872	8.2	80.7	21.5	17.3	141.1	8.4
Sept. 1	712	8.4	77.9	20.5	16.0	134.2	8.0
Oct. 1	729	8.5	77.8	20.2	15.7	134.0	8.0
Nov. 1	759	8.7	77.9	19.6	15.3	132.3	7.9
Dec. 1	840	8.7	75.0	20.1	15.1	130.7	7.8
12 milkings	829	8.3	78.0	258.7	202.2	1674.1	100.0
1927							
Jan. 1	975	8.2	75.2	18.4	13.8	113.4	6.9
Feb. 1	948	7.6	74.8	21.1	15.8	120.0	7.3
Mar. 1	899	8.1	76.4	22.4	17.1	137.6	8.4
Apr. 1	795	7.9	77.0	23.2	17.9	140.7	8.5
May 1	846	8.0	80.5	23.4	18.8	149.8	9.1
June 1	871	7.5	83.9	25.6	21.5	162.1	9.9
July 1	758	8.0	84.4	24.3	20.5	164.3	10.0
Aug. 1	812	8.2	81.3	21.3	17.3	142.8	8.7
Sept. 1	714	8.3	79.2	21.0	16.6	138.1	8.4
Oct. 1	649	8.1	75.9	20.7	15.7	126.7	7.7
Nov. 1	753	8.4	75.7	20.1	15.2	127.0	7.7
Dec. 1	916	8.0	76.4	19.9	15.2	122.1	7.4
12 milkings	828	8.0	78.4	261.4	205.4	1644.6	100.0

Year	Production per cow on first day of month as percentage of year previous												
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1925	------	------	------	------	------	------	95	104	99	97	98	99	------
1926	106	109	105	114	107	108	114	98	101	105	104	105	106.3
1927	93	102	107	101	107	104	99	100	104	100	99	101	101.8

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[1] A record of milk production, based upon returns made the first day of each month from the farms of Pennsylvania crop reporters, each furnishing to Harrisburg or to Washington, D. C., a report of the number of cows in his herd, the number milked and the amount of milk produced by the herd on the preceding day.

[2] Reported daily milkings at first of each month, in per cent of the total 12 milkings reported.

TABLE 135—Milk: Estimated Amount Produced on Farms and Approximate Value, Pennsylvania, 1925 and 1926

County and district	Production		Average price		Total value		Milk cows and heifers two years old and over, January 1		
	1925	1925	1925	1926	1925	1926	1925	1926	1927
	Gallons	Gallons	Per gal.	Per gal.					
Crawford	18,401,600	17,716,000	$0.23	$0.23	$4,232,370	$4,074,680	35,230	33,440	31,720
Erie	15,412,500	14,685,300	.25	.23	3,853,130	3,377,620	29,930	29,610	28,980
Forest	297,400	280,400	.22	.23	65,430	64,490	1,050	950	860
Mercer	9,151,800	8,720,000	.22	.24	2,013,400	2,092,800	21,300	19,800	20,360
Venango	3,664,700	3,528,200	.23	.24	842,880	846,770	7,860	7,380	7,070
Warren	5,674,000	5,237,400	.19	.18	1,078,060	942,730	13,050	11,740	11,960
NORTHWESTERN	52,602,000	50,167,300	.23	.23	12,085,270	11,399,090	108,420	102,920	100,950
Bradford	22,461,600	22,070,600	.23	.22	5,166,170	4,885,530	38,510	35,780	35,580
Cameron	181,800	178,600	.22	.21	40,000	37,510	320	320	340
Clinton	2,191,400	2,066,200	.20	.25	438,280	516,550	4,630	4,620	4,520
Elk	1,152,800	1,109,800	.19	.21	219,030	233,060	3,250	3,020	3,140
Lycoming	7,924,400	7,550,500	.21	.22	1,664,120	1,661,110	16,330	16,640	16,450
McKean	2,922,100	2,755,300	.20	.22	584,420	606,170	6,180	6,120	6,360
Potter	5,462,400	5,258,900	.20	.24	1,092,480	1,262,140	11,370	11,700	10,980
Sullivan	2,060,400	2,024,600	.17	.20	350,270	404,920	4,240	4,110	3,820
Tioga	15,475,900	15,360,100	.18	.18	2,785,660	2,764,820	28,290	27,700	26,550
NORTH CENTRAL	59,832,800	58,374,600	.21	.21	12,340,430	12,341,810	113,120	110,010	107,740
Lackawanna	5,070,900	4,882,000	.23	.21	1,166,310	1,025,220	9,100	9,360	8,880
Susquehanna	18,791,000	17,904,400	.19	.22	3,570,290	3,938,970	31,970	29,070	29,320
Wayne	13,198,600	12,182,900	.20	.20	2,639,720	2,436,580	24,290	23,060	22,330
Wyoming	5,519,200	5,204,000	.20	.19	1,103,840	988,760	9,650	9,450	8,680
NORTHEASTERN	42,579,700	40,173,300	.20	.21	8,480,160	8,389,530	75,010	70,940	69,210
Armstrong	3,839,500	3,772,600	.26	.25	998,270	943,150	9,460	9,920	9,610
Beaver	4,128,600	3,933,700	.29	.26	1,197,290	1,022,760	8,610	8,520	8,510
Butler	6,746,100	6,561,700	.29	.27	1,956,370	1,771,660	14,820	14,070	13,490
Clarion	4,030,200	4,080,000	.25	.26	1,007,550	1,060,800	10,080	10,370	10,560
Indiana	4,608,700	4,574,200	.25	.26	1,152,180	1,189,290	12,220	11,840	11,230
Jefferson	3,782,100	3,566,100	.27	.26	1,021,170	927,190	8,140	7,240	7,300
Lawrence	5,602,700	5,560,800	.23	.26	1,288,620	1,445,810	11,810	11,570	11,550
WEST CENTRAL	32,737,900	32,049,100	.26	.26	8,621,450	8,360,660	75,140	73,530	72,250
Blair	4,688,200	4,659,400	.26	.26	1,218,930	1,211,440	8,850	8,310	7,970
Cambria	3,744,400	3,598,800	.27	.29	1,010,990	1,043,650	8,140	8,380	7,870
Centre	6,005,700	6,020,400	.21	.21	1,261,200	1,264,280	12,740	12,730	12,200
Clearfield	3,263,000	3,238,600	.30	.29	978,900	939,190	6,970	7,170	7,160
Columbia	3,848,800	3,667,200	.26	.22	1,000,690	806,780	9,120	8,930	8,560

Dauphin	5,758,800	5,601,300	.22	.24	1,266,940	1,344,310	12,330	13,420	12,860
Huntingdon	3,336,900	3,311,900	.27	.23	900,960	761,740	8,810	8,100	8,250
Juniata	2,999,560	2,828,200	.21	.21	629,900	593,920	6,750	6,540	6,730
Mifflin	3,316,400	3,225,700	.29	.27	961,760	870,940	6,780	6,780	6,910
Montour	2,159,600	2,036,300	.25	.21	539,900	427,620	4,040	3,870	3,980
Northumberland	4,637,000	4,418,200	.23	.24	1,066,510	1,060,370	9,850	9,540	9,140
Perry	3,155,700	3,100,800	.26	.24	820,480	744,190	7,990	8,070	8,220
Snyder	3,149,100	3,000,500	.25	.27	787,280	810,140	6,940	6,520	6,180
Union	4,300,000	4,267,900	.22	.24	946,600	1,024,300	7,390	7,530	7,290
CENTRAL	54,363,100	52,975,200	.25	.24	13,390,440	12,902,870	116,700	115,890	113,320
Carbon	1,279,900	1,257,600	.27	.25	345,570	314,400	2,520	2,290	2,290
Lehigh	4,063,400	4,033,000	.25	.26	1,015,850	1,048,580	9,150	9,330	8,940
Luzerne	4,580,400	4,409,700	.27	.24	1,236,710	1,058,330	9,230	8,660	8,390
Monroe	2,073,600	1,955,200	.25	.23	518,400	449,700	4,950	4,800	4,840
Northampton	5,423,000	5,328,700	.24	.24	1,301,520	1,278,890	11,990	11,260	10,570
Pike	886,200	862,000	.28	.30	248,140	258,600	2,000	2,160	2,160
Schuylkill	3,107,400	3,084,100	.29	.28	901,150	863,550	6,620	6,740	6,660
EAST CENTRAL	21,413,900	20,930,300	.26	.25	5,567,340	5,272,050	46,460	45,240	43,850
Allegheny	7,732,300	7,674,400	.20	.27	2,242,370	2,072,090	13,990	13,140	12,730
Fayette	3,893,500	3,825,700	.30	.28	1,168,050	1,071,200	10,030	9,420	9,500
Greene	2,623,000	2,681,500	.30	.28	786,900	750,820	7,520	7,730	7,330
Somerset	8,337,400	8,192,200	.26	.27	2,167,720	2,211,890	17,010	15,300	15,580
Washington	10,596,700	10,412,300	.28	.26	2,967,080	2,707,200	22,640	21,030	21,630
Westmoreland	9,657,800	8,914,500	.29	.27	2,800,760	2,406,920	20,250	18,410	18,750
SOUTHWESTERN	42,840,700	41,700,600	.28	.27	12,132,880	11,220,120	91,440	85,030	85,520
Adams	4,418,100	4,165,800	.26	.26	1,148,710	1,083,110	12,680	11,330	10,700
Bedford	6,526,500	6,348,100	.27	.25	1,762,160	1,587,030	15,750	15,890	15,390
Cumberland	8,896,900	8,565,400	.22	.22	1,957,320	1,884,390	16,100	15,610	14,960
Franklin	7,862,600	7,413,600	.24	.22	1,887,020	1,630,990	18,800	18,790	17,820
Fulton	1,251,600	1,242,300	.26	.28	325,420	347,840	3,990	4,020	4,090
York	14,026,000	13,921,100	.29	.25	4,067,540	3,480,280	28,630	30,270	29,670
SOUTH CENTRAL	42,981,700	41,656,300	.26	.24	11,148,170	10,013,640	95,950	95,910	92,630
Berks	13,034,100	12,807,300	.24	.24	3,128,180	3,073,760	27,960	28,500	27,890
Bucks	12,778,300	12,175,400	.26	.29	3,322,360	3,530,870	22,860	22,840	22,120
Chester	21,520,000	20,077,400	.26	.29	5,595,200	5,822,450	39,410	37,800	37,370
Delaware	3,508,000	3,272,800	.28	.29	982,240	949,110	5,770	5,310	5,040
Lancaster	23,045,500	22,186,900	.22	.22	5,070,010	4,881,120	39,480	39,450	39,800
Lebanon	6,678,900	6,628,900	.21	.22	1,402,570	1,458,360	11,000	10,110	9,780
Montgomery	11,357,300	10,821,500	.23	.24	2,612,180	2,597,160	19,350	17,590	16,690
Philadelphia	537,100	533,100	.29	.29	155,760	154,600	930	930	840
SOUTHEASTERN	92,459,200	88,503,300	.24	.25	22,268,500	22,467,430	166,760	162,530	159,530
PENNSYLVANIA	441,811,000	426,530,000	$0.24	$0.24	$106,034,640	$102,367,200	889,000	862,000	845,000

TABLE 136—Farm Butter: Estimated Amount Made on Farms and Approximate Value, Pennsylvania, 1925 and 1926

County and district	Butter made		Average price		Total value		Farm butter: U. S. Censuses					
	1925	1926	1925	1926	1925	1926	1879	1889	1899	1909	1919	1924
	Pounds	Pounds	Per lb.	Per lb.			1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.	1,000 lbs.
Crawford	658,100	609,900	$0.46	$0.47	$302,730	$286,650	2,198	2,594	2,495	2,235	764	764
Erie	935,400	885,600	.50	.48	467,700	425,090	2,201	2,262	2,217	2,431	1,074	973
Forest	66,200	58,700	.42	.44	27,800	25,830	79	141	175	123	117	66
Mercer	991,000	869,100	.41	.45	406,310	391,100	1,539	1,923	2,078	1,654	1,155	971
Venango	629,400	558,200	.44	.46	276,940	256,770	770	1,031	1,150	768	670	667
Warren	360,100	337,500	.46	.48	165,650	162,000	1,254	1,250	1,563	951	346	355
NORTHWESTERN	3,640,200	3,319,000	.45	.47	1,647,130	1,547,440	8,041	9,201	9,678	8,162	4,126	3,796
Bradford	558,400	517,500	.51	.49	284,780	253,580	4,825	4,657	3,591	2,334	815	556
Cameron	26,300	22,500	.47	.49	12,360	11,030	68	74	135	76	47	26
Clinton	252,600	224,000	.48	.47	121,250	105,280	298	414	452	398	223	247
Elk	154,200	144.500	.52	.47	80,180	67,920	148	206	243	325	141	181
Lycoming	775,300	680,000	.49	.48	379.900	326,400	930	1,134	1,360	1,266	953	916
McKean	197,300	169,100	.53	.54	104,570	91,310	361	458	524	440	292	197
Potter	177,300	160,800	.50	.49	88,650	78,790	884	780	696	610	255	205
Sullivan	129,600	129,100	.49	.48	63,500	61,970	343	381	378	369	188	141
Tioga	302,600	286,500	.49	.49	148,270	140,390	2,901	2.576	2,233	1,088	364	346
NORTH CENTRAL	2,573,600	2,334,600	.50	.49	1,283,460	1,136,670	10,758	10,680	9,612	6,906	3,278	2,815
Lackawanna	196,400	170,300	.49	.47	96,240	80,040	698	770	518	405	329	209
Susquehanna	329,500	328,400	.52	.50	171,340	164,200	2,979	3,017	1,491	1,020	358	325
Wayne	317,100	297,000	.49	.49	155,380	145,530	1,424	1,950	1,790	1,079	407	333
Wyoming	113,300	102,800	.46	.49	52,120	50,370	613	787	622	533	215	113
NORTHEASTERN	956,300	898,500	.50	.49	475,080	440,140	5,714	6,524	4,421	3,037	1,309	980
Armstrong	812,600	712,600	.40	.39	325,040	277,910	1,300	1,527	1,536	1,354	1,196	872
Beaver	446,300	395,800	.51	.48	227,610	189,980	1,104	1,115	1,043	744	649	494
Butler	1,044,500	957,700	.42	.41	438,690	392,660	1,930	1,941	1,974	1,755	1,285	1,030
Clarion	665,000	583,200	.42	.45	279,300	262,440	780	978	1,277	1,114	851	699
Indiana	933,500	837,300	.44	.42	410,740	351,670	1,209	1,558	1,701	1,378	1,262	953
Jefferson	816,500	813,700	.41	.39	334,770	317,340	670	749	1,093	913	866	811
Lawrence	561,100	508,900	.53	.50	297,380	254,450	922	933	980	880	621	576
WEST CENTRAL	5,279,500	4,809,200	.44	.43	2,313,530	2,046,450	7,915	8,801	9,604	8,168	6,730	5,435
Blair	209,600	185,900	.50	.50	104,800	92,950	410	596	606	580	340	234
Cambria	675,400	592,300	.51	.48	344,450	294,300	542	658	838	740	641	764
Centre,	316,100	274,100	.45	.49	142,250	134,310	629	886	1,073	1,024	462	315
Clearfield	567,100	520,000	.53	.50	300,560	260,000	687	824	986	896	707	675

Columbia	365,000	320,100	.48	.51	175,200	163,250	584	734	978	896	585	366
Dauphin	426,700	378,500	.48	.49	204,820	185,470	889	1,045	1,104	995	687	466
Huntingdon	272,100	233,200	.44	.45	119,720	104,940	539	679	670	702	496	313
Juniata	109,900	109,500	.49	.50	53,850	54,750	345	312	337	211	135	107
Mifflin	144,500	132,500	.45	.49	65,030	64,920	321	398	532	450	297	165
Montour	116,000	101,700	.46	.49	53,360	49,820	222	347	431	427	177	123
Northumberland	451,000	418,000	.42	.44	189,420	183,920	605	839	1,032	903	594	492
Perry	241,100	206,600	.42	.44	101,260	90,900	452	617	650	528	415	248
Snyder	205,100	179,900	.45	.45	92,300	80,560	414	437	621	559	379	222
Union	166,500	165,900	.48	.48	79,920	79,630	400	530	798	700	166	161
CENTRAL	4,266,100	3,818,200	.48	.48	2,026,940	1,830,130	7,039	8,902	10,656	9,611	6,079	4,651
Carbon	70,800	64,200	.47	.50	33,280	32,100	182	281	300	195	133	76
Lehigh	280,500	251,600	.45	.49	126,230	123,280	1,374	1,206	1,124	949	486	305
Luzerne	339,000	314,200	.47	.48	159,330	150,820	746	874	987	779	596	394
Monroe	185,500	166,400	.42	.47	77,910	78,210	418	522	644	563	367	191
Northampton	112,300	100,700	.55	.50	61,770	50,350	1,391	1,268	982	868	319	114
Pike	140,500	126,000	.46	.46	64,630	57,960	198	281	262	186	158	140
Schuylkill	543,700	487,700	.51	.51	277,290	248,730	624	891	981	778	599	541
EAST CENTRAL	1,672,300	1,510,800	.48	.49	800,440	741,450	4,933	5,323	5,280	4,318	2,658	1,761
Allegheny	546,900	423,600	.48	.50	262,510	211,800	1,746	2,103	1,423	939	579	526
Fayette	523,400	464,200	.49	.47	256,470	218,170	822	995	1,274	912	687	623
Greene	612,300	537,000	.36	.34	220,430	182,580	895	1,191	1,124	962	1,022	677
Somerset	960,600	832,900	.42	.44	403,450	366,480	1,265	1,214	1,261	1,402	1,220	1,103
Washington	868,500	779,000	.48	.43	416,880	334,970	1,533	1,926	1,986	1,480	1,385	988
Westmoreland	966,500	847,600	.46	.48	444,590	406,850	1,620	1,845	2,016	1,603	1,230	1,006
SOUTHWESTERN	4,478,200	3,884,300	.45	.44	2,004,330	1,720,850	7,881	9,724	9,057	7,298	6,123	4,923
Adams	406,500	360,500	.41	.40	166,670	144,200	1,093	1,313	1,215	1,193	542	420
Bedford	886,800	786,600	.42	.43	372,460	338,240	684	945	1,283	1,432	1,228	909
Cumberland	308,300	270,400	.44	.47	135,650	127,090	961	1,185	1,074	1,025	597	341
Franklin	399,900	338,800	.45	.47	179,960	159,240	1,031	914	1,402	1,094	502	393
Fulton	243,300	206,100	.39	.37	94,890	76,260	211	280	318	339	200	285
York	1,420,900	1,331,100	.46	.47	653,610	625,620	2,061	2,419	2,317	2,234	1,693	1,548
SOUTH CENTRAL	3,665,700	3,293,500	.44	.45	1,603,240	1,470,650	6,041	7,056	7,609	7,317	4,762	3,896
Berks	333,700	299,300	.49	.47	163,510	140,670	2,920	2,079	1,609	1,329	661	368
Bucks	143,200	129,900	.43	.50	61,580	64,950	3,892	1,495	805	669	357	143
Chester	133,300	107,600	.48	.50	63,930	53,800	4,247	1,628	1,314	573	316	146
Delaware	76,200	69,900	.49	.50	37,340	34,950	1,428	628	399	168	122	77
Lancaster	1,235,100	1,120,100	.49	.48	605,200	537,650	3,381	3,064	2,657	2,733	1,479	1,287
Lebanon	141,600	141,100	.48	.50	67,970	70,550	802	999	757	473	282	148
Montgomery	65,700	59,600	.46	.49	30,220	29,200	4,167	1,069	691	372	178	65
Philadelphia	3,300	3,000	.45	.51	1,490	1,530	177	86	72	24	9	3
SOUTHEASTERN	2,132,100	1,930,500	.48	.48	1,031,290	933,300	21,014	11,048	8,304	6,341	3,404	2,237
PENNSYLVANIA	28,664,000	25,798,000	$0.46	$0.46	$13,185,440	$11,867,080	79,336	76,809	74,221	61,158	34,469	30,494

The production of creamery butter, as reported by manufacturers in Pennsylvania, was 11,476,000 pounds in 1925 and 11,808,000 in 1926. For data on other dairy manufactures, see the August issues of "Crops and Markets", U. S. Department of Agriculture.

TABLE 137—Milk and Butter: Leading Counties in Production, Pennsylvania, 1926

County	MILK		County	FARM-MADE BUTTER	
	Production	Total value		Production	Total value
	Gallons			Pounds	
TOTAL OF TEN	168,912,000	$38,705,810	TOTAL OF TEN	9,274,100	$4,149,430
% of State	39.6	**37.8**	% of State	35.9	**35.0**
Lancaster	22,183,900	$4,881,120	York	1,331,100	$625,620
Bradford	22,070,600	4,855,530	Lancaster	1,120,100	537,650
Chester	20,077,400	5,822,450	Butler	957,700	392,660
Susquehanna	17,904,400	3,938,970	Erie	885,600	425,090
Crawford	17,716,000	4,074,680	Mercer	869,100	391,100
Tioga	15,360,100	2,764,820	Westmoreland	847,600	406,850
Erie	14,685,300	3,377,620	Indiana	837,300	351,670
York	13,921,100	3,480,280	Somerset	832,900	366,480
Berks	12,807,300	3,073,760	Jefferson	813,700	317,340
Wayne	12,182,900	2,436,580	Washington	779,000	334,970

TABLE 138—Swine: Comparison of Intended and Actual Farrowings in Spring and Fall, and of Pigs Saved[1], Pennsylvania, 1922-1927

Year	Sows farrowing in spring [2]			Sows farrowing in fall [2]		
	Compared with preceding spring		Actual compared with preceding fall	Compared with preceding fall		Actual compared with preceding spring
	Intended [3]	Actual		Intended [4]	Actual	
	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent
1922					114.2	102.4
1923	119.2	107.0		137.0	103.8	121.5
1924	109.4	83.0	91.0	108.8	88.9	109.1
1925	[5]95.2	76.7	82.8	101.4	98.8	109.3
1926	106.3	[5]88.6	84.8	117.7	114.6	116.6
1927	115.0	[5]102.4	100.7	129.7	107.7	110.3
1928	102.8					

Year	Sows bred or to be bred for farrowing, as a percentage of swine over 6 months old		Swine over 6 months, as a percentage of all swine including pigs		Number of pigs saved			
					Compared with same period in preceding year		Per litter	
	On June 1	On Dec. 1	On June 1	On Dec. 1	Spring	Fall	Spring	Fall
	Per cent	Per cent	Per cent	Per cent	Per cent	Per cent		
1922						([6])	6.3	6.1
1923		19.0	46.0	47.2	98.0	[6]109.2	5.7	5.9
1924	26.3	15.4	48.2	51.7	80.4	89.6	5.5	5.9
1925	30.9	21.6	46.8	47.4	88.7	105.1	6.4	6.3
1926	37.0	23.9	46.5	44.5	84.6	113.3	6.1	6.2
1927	44.3	21.0	38.0	44.4	111.1	110.6	6.6	6.4

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[1] As reported in the June 1 and December 1 pig surveys of the U. S. Department of Agriculture.

[2] Spring period December 1 to June 1, fall period June 1 to December 1.

[3] As indicated in survey of December 1 preceding.

[4] As indicated in survey of June 1 preceding.

[5] Of the sows intended for farrowing in the spring of 1925, 30.7 per cent were gilts (sows farrowed for the first time). Of the sows actually farrowing in the spring of 1926, 34.2 per cent were gilts, and in the spring of 1927, 29.5 per cent.

[6] Pigs saved in the fall of 1922 were 96.0 per cent of the number saved in the spring of 1922; in the fall of 1923, 119.1 per cent of the number saved the preceding spring.

TABLE 139—Corn and Hog Ratios, Pennsylvania and United States, 1910-1927

The number of bushels of corn required to buy 100 pounds of live hogs, based on averages of farm prices of corn and hogs for the month[1]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Ave.
PENNSYLVANIA													
	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.	Bus.
1910	12.7	11.9	12.4	13.3	13.0	13.0	12.2	11.9	11.9	13.5	14.0	13.8	12.8
1911	14.9	14.0	13.6	12.8	11.3	10.0	10.0	9.6	10.4	10.1	9.6	8.0	11.3
1912	9.3	9.0	8.4	8.5	8.1	8.1	7.8	8.6	9.6	11.2	12.0	12.6	9.4
1913	12.8	12.6	12.9	13.5	12.1	11.9	11.7	11.2	10.6	11.1	11.4	10.9	11.9
1914	10.7	11.3	12.1	11.8	10.9	10.3	10.4	10.5	9.9	10.5	10.9	10.7	10.8
1915	10.3	9.3	8.7	8.7	8.8	8.8	8.8	8.6	8.7	10.1	10.3	8.6	9.1
1916	9.6	10.0	10.6	10.9	10.9	11.0	10.6	10.3	11.0	10.8	10.6	10.0	10.5
1917	9.9	10.9	11.8	10.7	9.0	8.4	7.6	7.9	8.5	10.2	11.1	10.2	9.7
1918	9.7	9.2	8.8	8.9	9.5	9.3	9.4	10.2	10.4	11.3	11.2	11.0	9.9
1919	11.1	11.3	11.2	11.2	10.9	10.4	10.4	10.4	9.5	9.5	9.6	9.6	10.4
1920	9.6	9.7	9.6	9.1	8.4	7.8	7.9	8.4	9.9	12.5	13.6	11.1	9.8
1921	12.0	12.2	13.8	12.0	11.5	10.5	11.8	12.8	12.2	13.8	15.2	15.2	12.8
1922	13.9	14.8	15.4	14.7	14.2	14.1	14.0	14.1	13.6	13.2	12.8	12.7	14.0
1923	12.4	12.1	11.0	10.4	10.2	9.0	8.3	8.2	9.0	8.6	9.0	9.5	9.8
1924	9.8	9.1	8.8	9.1	8.5	8.7	7.8	7.8	7.4	7.6	8.2	8.3	8.4
1925	8.2	7.9	8.8	9.8	9.7	9.4	10.4	10.9	11.7	13.7	15.4	15.6	11.0
1926	15.3	15.8	15.6	16.4	16.3	17.9	18.0	15.9	16.4	16.2	16.7	16.4	16.4
1927	16.7	15.5	15.7	15.3	13.2	10.8	9.7	9.4	9.1	10.9	11.8	11.6	12.5
UNITED STATES													
1910	12.2	12.0	13.6	14.4	13.3	12.9	12.2	11.7	13.0	14.2	15.1	14.9	13.3
1911	15.3	14.4	13.7	12.1	10.7	9.8	9.4	9.9	9.9	9.3	9.2	9.3	11.1
1912	9.1	8.8	8.6	9.0	8.4	8.1	8.3	9.1	10.1	12.0	13.2	14.1	9.9
1913	13.6	13.9	14.4	14.4	12.7	12.3	12.1	11.1	10.2	10.4	10.5	10.3	12.2
1914	10.8	11.3	11.2	10.9	10.3	9.9	10.1	10.3	10.2	10.0	10.4	10.2	10.5
1915	9.5	8.6	8.4	8.5	8.7	8.7	8.7	8.5	9.2	10.8	10.6	10.1	9.2
1916	9.8	10.5	11.4	11.5	11.4	11.0	10.9	10.6	11.1	10.4	10.1	9.8	10.7
1917	9.9	10.5	11.5	10.3	8.8	8.3	7.4	7.7	9.0	10.1	11.2	12.0	9.7
1918	11.2	10.3	10.1	10.2	10.3	10.0	9.9	10.1	10.8	11.0	11.5	11.3	10.6
1919	11.1	11.3	11.2	11.1	10.8	10.2	10.5	10.2	9.3	9.7	9.2	9.2	10.3
1920	9.3	9.2	8.9	8.4	7.6	7.1	7.8	8.5	10.1	13.0	15.0	13.2	9.8
1921	13.5	13.5	14.3	13.0	12.5	11.0	13.1	14.8	14.0	15.9	16.0	15.2	14.0
1922	15.4	16.5	15.8	15.7	15.0	14.7	14.7	13.7	13.4	13.4	12.8	11.7	14.4
1923	11.1	10.9	10.2	9.8	8.8	7.9	7.5	7.7	8.5	8.8	8.2	9.0	9.0
1924	9.0	8.5	8.6	8.6	8.5	8.1	6.7	8.0	7.7	8.7	8.7	7.9	8.2
1925	8.3	8.4	10.6	11.2	10.0	9.7	11.5	11.4	11.6	13.4	14.3	14.9	11.3
1926	15.8	17.2	17.5	17.5	17.8	18.7	17.7	14.7	15.8	16.2	17.3	17.0	16.9
1927	17.1	16.8	16.7	15.9	12.9	9.4	9.3	9.5	10.3	11.6	12.2	10.8	12.7

[1] See Table 162 for prices: corn on page 202, hogs on page 208.

TABLE 140—Swine: Estimated Number of Breeding Sows, April 1, and Stock Hogs, September 1, Pennsylvania, 1914-1924

Year	Breeding sows April 1	Stock hogs Sept. 1	Year	Breeding sows April 1	Stock hogs Sept. 1
1914	139,000	1,165,000	1920	145,000	1,083,000
1915	142,000	1,200,000	1921	129,000	1,051,000
1916	142,000	1,164,000	1922	132,000	1,072,000
1917	138,000	1,048,000	1923	136,000	1,093,000
1918	145,000	1,153,000	1924	128,000	------------
1919	154,000	1,165,000	(Discontinued)		

TABLE 141—Swine and Sheep:- Estimated Number on Farms, Average Price and Total Value, Pennsylvania, January 1, 1926 and 1927

County and district	SWINE, INCLUDING PIGS						SHEEP, INCLUDING LAMBS					
	Estimated number		Average value		Total value		Estimated number		Average value		Total value	
	1926	1927	1926	1927	1926	1927	1926	1927	1926	1927	1926	1927
Crawford	10,380	11,440	$18.20	$15.80	$188,910	$180,750	9,740	10,520	$11.60	$11.10	$112,990	$116,770
Erie	8,130	8,620	18.00	21.20	146,340	182,750	3,810	4,150	13.20	10.40	50,290	43,160
Forest	850	810	19.30	19.90	16,400	16,120	350	360	10,50	7.70	3,680	2,770
Mercer	13,720	14,560	20.40	19.00	279,890	276,640	16,300	17,120	11.60	11.20	189,080	191,740
Venango	4,490	5,320	18.50	19.70	83,070	104,800	4,500	4,320	8.80	6.50	39,600	28,080
Warren	3,220	3,780	19.50	22.40	62,790	84,670	2,560	2,610	10.90	11.00	27,900	28,710
NORTHWESTERN	40,790	44,530	19.06	18.99	777,400	845,730	37,260	39,080	11.34	10.52	423,540	411,230
Bradford	7,500	8,730	18.60	18.90	139,500	165,000	8,270	8,430	8.90	10.20	73,600	85,990
Cameron	400	470	19,70	21.20	7,880	9,960	520	510	8.40	10.30	4,370	5,250
Clinton	4,410	5,040	15.90	19.00	70,120	95,760	340	360	12.40	10.00	4,220	3,600
Elk	1,500	1,470	22.80	22.20	34,200	32,630	120	120	8.50	8.20	1,020	980
Lycoming	12,640	12,240	21.30	21.40	269,230	261,940	1,320	1,280	9.50	11.00	12,540	14,080
McKean	1,270	1,190	16.30	15.10	20,700	17,970	2,710	2,680	9.10	11.70	24,660	31,360
Potter	2,450	2,400	16.40	16.40	40,180	39,360	5,190	5,190	10,00	10.00	51,900	51,900
Sullivan	1,510	1,660	17.30	18.90	26,120	31,370	2,470	2,450	9.90	10.50	24,450	25,720
Tioga	4,030	3,940	17.80	16.20	71,740	63,830	9,290	9,570	10.40	10.20	96,620	97,610
NORTH CENTRAL	35,710	37,140	19.03	19.33	679,670	717,820	30,230	30,590	9.70	10.35	293,380	316,490
Lackawanna	1,340	1,430	20.70	18.70	27,740	26,740	410	410	9.90	8.40	4,060	3,440
Susquehanna	3,370	3,990	17.20	19.90	57,960	79,410	4,960	5,400	10.10	11.70	50,090	63,180
Wayne	2,760	2,610	20.90	24.80	57,680	64,720	1,700	1,770	10.40	12.20	17,680	21,590
Wyoming	1,240	1,280	21.70	26.60	26,910	34,050	1,590	1,590	10.10	9.00	16,060	14,310
NORTHEASTERN	8,710	9,310	19.55	22.01	170,290	204,920	8,660	9,170	10.15	11.18	87,890	102,520
Armstrong	10,660	12,080	20.70	21.10	220,660	254,890	4,270	4,060	9.90	8.90	42,270	36,130
Beaver	3,630	4,080	19.50	21.80	70,780	88,940	7,010	7,220	9.30	11.80	65,190	85,200
Butler	8,720	8,350	20.30	21.30	177,020	177,860	6,430	6,620	9.70	9.00	62,370	59,580
Clarion	10,960	12,310	20.20	21.00	221,390	258,510	1,890	1,870	9.60	8.30	18,150	15,520
Indiana	13,730	13,860	19.90	18.80	273,230	260,570	4,710	5,140	11.00	10.30	51,810	52,940
Jefferson	7,440	8,890	20.90	18.90	155,500	168,020	1,040	1,170	10.00	9.90	10,400	11,580
Lawrence	5,920	6,580	19.80	18.00	117,220	118,440	7,570	7,490	9.00	8.10	68,130	60,670
WEST CENTRAL	61,060	66,150	20.24	20.06	1,235,800	1,327,230	32,920	33,570	9.67	9.58	318,320	321,620
Blair	7,620	7,380	19.60	21.90	149,350	161,620	2,470	2,470	8.50	10.60	20,990	27,180
Cambria	8,790	9,420	20.60	21.20	181,070	199,700	1,400	1,400	12.00	8.80	16,800	12,320
Centre	15,700	17,140	14.80	15.10	232,360	258,810	3,450	3,520	10.30	10.90	35,540	38,370
Clearfield	7,180	7,030	17.10	17.20	122,780	120,920	1,000	1,000	8.40	7.10	8,400	7,100
Columbia	12,650	13,810	17.30	19.90	218,850	274,820	700	700	9.30	8.20	6,510	5,740
Dauphin	21,880	21,190	19.70	20.20	431,040	428,040	760	760	12.50	12.00	9,500	9,120

Huntingdon	7,990	9,140	21.80	18.90	174,180	172,750	6,070	6,190	10.70	9.70	64,950	60,040
Juniata	7,110	8,280	20.40	20.00	145,040	165,600	1,490	1,550	10.30	10.10	15,350	15,650
Mifflin	7,680	8,390	15.10	19.80	115,970	166,120	2,280	2,460	9.40	10.00	21,430	24,600
Montour	5,400	6,010	19.10	16.50	103,140	99,170	270	270	11.60	9.30	3,130	2,510
Northumberland	10,620	11,920	20.60	18.40	218,770	219,330	550	520	9.10	10.10	5,000	5,250
Perry	11,670	12,260	20.30	19.90	236,900	243,970	1,780	1,910	9.20	11.20	16,380	21,390
Snyder	7,190	6,810	20.40	22.20	146,680	151,180	320	320	8.50	9.30	2,720	2,980
Union	8,350	8,000	23.10	20.70	192,890	165,600	310	290	10.10	8.80	3,130	2,550
CENTRAL	139,830	146,780	19.09	19.26	2,669,020	2,827,630	22,850	23,360	10.06	10.05	229,830	234,800
Carbon	1,600	1,650	26.40	18.30	42,240	30,190	50	50	9.90	10.90	500	540
Lehigh	13,520	14,620	22.50	22.30	304,200	326,020	70	70	9.20	10.40	640	730
Luzerne	4,570	5,320	22.30	20.30	101,910	108,000	1,030	1,020	8.60	10.10	8,860	10,300
Monroe	3,590	4,180	21.70	18.30	77,900	76,490	670	640	9.00	8.00	6,030	5,120
Northampton	12,470	13,620	26.40	22.40	329,210	305,090	1,370	1,290	10.20	10.60	13,970	13,670
Pike	400	370	22.30	14.10	8,920	5,220	250	250	8.70	8.20	2,180	2,050
Schuylkill	10,300	11,880	24.60	19.70	253,380	234,040	310	310	8.90	8.60	2,760	2,660
EAST CENTRAL	46,450	51,640	24.06	21.01	1,117,760	1,085,050	3,750	3,630	9.32	9.66	34,940	35,070
Allegheny	7,650	8,670	18.10	16.30	138,460	141,320	2,650	2,750	10.50	9.20	27,820	25,300
Fayette	8,150	8,980	19.30	17.60	157,300	158,050	5,410	5,900	10.10	9.10	54,640	53,690
Greene	5,640	6,450	16.10	15.20	90,800	98,040	117,240	111,450	9.00	8.70	1,055,160	969,610
Somerset	16,090	16,910	16.30	15.90	262,270	268,870	4,460	4,820	9.60	9.60	42,820	46,270
Washington	11,050	12,410	16.40	15.70	181,220	194,830	101,570	96,510	8.70	8.20	883,660	791,380
Westmoreland	14,920	16,140	16.10	19.00	240,210	306,660	5,400	5,720	13.60	11.50	73,440	65,780
SOUTHWESTERN	63,500	69,560	16.85	17.70	1,070,260	1,167,770	236,730	227,150	9.03	8.59	2,137,540	1,952,030
Adams	22,700	21,980	15.20	18.40	345,040	404,430	2,730	2,620	10.30	9.40	28,120	24,620
Bedford	12,990	12,840	15.30	18.10	198,750	232,400	7,860	8,650	11.20	9.40	88,030	81,310
Cumberland	22,030	24,510	16.60	17.80	365,700	436,280	5,700	6,210	13.50	11.30	76,950	70,170
Franklin	28,350	27,740	19.60	17.50	555,660	485,450	9,780	10,370	11.00	11.00	107,580	114,070
Fulton	5,960	7,060	19.30	21.10	115,030	148,970	1,800	1,720	12.60	10.60	22,680	18,230
York	52,380	53,960	16.30	18.70	853,790	1,009,050	2,630	2,710	12.00	10.00	31,560	27,100
SOUTH CENTRAL	144,410	148,090	16.85	18.34	2,433,970	2,716,580	30,500	32,290	11.64	10.39	354,920	335,500
Berks	30,310	31,850	18.90	19.80	572,860	630,630	720	770	10.90	11.30	7,850	8,700
Bucks	17,710	20,070	20.00	20.30	354,200	407,420	1,220	1,340	12.00	13.50	14,640	18,090
Chester	15,590	18,310	16.90	15.60	263,470	285,640	3,530	3,530	10.40	13.00	36,710	45,890
Delaware	4,130	4,980	16.20	18.00	66,910	89,640	650	650	13.90	13.70	9,030	8,900
Lancaster	40,650	46,060	21.20	17.60	861,780	810,660	3,060	3,090	9.80	10.20	29,990	31.510
Lebanon	15,600	14,940	19.30	19.90	301,080	297,300	750	750	11.00	11.60	8,250	8,700
Montgomery	18,550	21,590	21.70	22.00	402,530	470,980	2,150	2,020	10.70	9.30	23,000	18,790
Philadelphia							20	20	8.30	8.10	170	160
SOUTHEASTERN	142,540	157,800	19.80	18.99	2,822,830	2,996,270	12,100	12,160	10.71	11.57	129,640	140,740
PENNSYLVANIA	683,000	731,000	$19.00	$19.00	$12,977,000	$13,889,000	415,000	411,000	$9.66	$9.37	$4,010,000	$3,850,000
UNITED STATES	52,055,000	52,536,000	$15.21	$15.96	$791,632,000	$838,420,000	39,864,000	41,909,000	$10.51	$9.70	$418,965,000	$406,531,000

TABLE 142—Swine and Sheep[1]: Estimated Number on Farms, Average Price and Total Value, Pennsylvania, January 1, 1867 to 1928

Year	SWINE, INCLUDING PIGS			SHEEP, INCLUDING LAMBS		
	Estimated number	Average value	Total value	Estimated number	Average value	Total value
1867	1,025.836	$6.29	$6,447,677	3,456,568	$3.03	$10,483,981
1868	1,056,611	5.71	6,032,597	3,422,002	2.19	7,511,109
1869	919,251	7.81	7,179,106	3,045,581	1.93	5,884,529
1870	1,014,500	10.40	10,546,451	2,850,000	2.36	6,719,703
1871	1,047,600	9.68	10,144,781	1,762,500	2.85	5,031,165
1872	1,099,900	6.11	6,724,412	1,674,300	3.13	5,233,147
1873	1,088,900	7.24	7,880,455	1,691,000	3.28	5,546,239
1874	1,034,400	6.02	6,225,207	1,674,000	2.91	4,869,818
1875	930,900	8.77	8,167,251	1,674,000	3.24	5,425,139
1876	875,000	10.10	8,834,504	1,640,500	3.14	5,156,269
1877	901,200	8.79	7,917,865	1,607,600	2.94	4,722,977
1878	937,200	7.83	7,338,969	1,607,600	3.01	4,832,183
1879	927,800	5.78	5,366,595	1,666,000	2.99	4,976,364
1880	909,200	6.88	6,255,296	1,649,300	3.01	4,964,393
1881	909,200	7.03	6,391,676	1,632,807	3.27	5,339,279
1882	1,128,570	11.28	12,730,270	1,785,481	3.30	5,892,087
1883	1,060,856	9.24	9,802,309	1,803,336	3.64	6,564,143
1884	1,092,682	9.27	10,129,162	1,749,236	3.19	5,580,063
1885	1,114,536	8.49	9,462,411	1,486,851	3.10	4,609,238
1886	1,103,391	7.47	8,241,556	1,189,481	2.68	3,187,809
1887	1,070,289	7.24	7,750,178	1,094,523	2.81	3,072,859
1888	1,027,477	8.03	8,254,748	984,891	2.80	2,756,119
1889	1,037,752	8.08	8,383,271	935,646	3.08	2,884,783
1890	1,193,415	7.22	8,610,845	945,002	3.36	3,170,671
1891	1,157,613	7.20	8,334,815	1,039,502	3.71	3,858,631
1892	1,157,613	7.60	8,792,072	1,091,477	3.83	4,178.173
1893	1,076,580	8.89	9,572,733	1,637,216	3.69	6,047.876
1894	1,033,517	8.78	9,077.483	1,473,494	3.07	4,530,700
1895	1,012,847	7.23	7,319,038	1,178,795	1.95	2,304,309
1896	1,033,104	6.26	6,464,234	907,672	2.16	1,957,667
1897	1,022,773	6.67	6.822,816	798,751	2.77	2,209,984
1898	1,033,001	6.78	6,999,613	782,776	3.41	2,669,266
1899	1,043,441	7.61	7,936.097	790,604	3.75	2,963,184
1900	1,064,198	7.22	7,686,168	814,322	3.60	2,928,302
1901	1,010,988	7.73	7,817,871	1,255,886	3.78	4,751,769
1902	990,768	8.52	8,445.804	1,193,092	3.32	3,962.498
1903	970,953	10.13	9,835.754	1,133,437	3.40	3,850,625
1904	1,000,082	9.03	9,030.740	963,421	3.53	3,402,129
1905	980,080	8.28	8,115,062	895,982	3.81	3,415,394
1906	999,682	8.45	8,447.313	1,102,058	4.63	5,102,529
1907	989,685	9.40	9,303.039	1,102,058	4.86	5,353,799
1908	990,000	7.80	7,722,000	1,102,000	4.62	5,091,000
1909	990,000	8.50	8,415,000	1,135,000	4.50	5,108,000
1910	978,000	9.50	9,291,000	883,000	4.80	4,238,000
1911	1,066,000	11.50	12,259,000	901,000	4.84	4,361,000
1912	1,141,000	10.00	11,410,000	883,000	4.30	3,797,000
1913	1,130,000	12.50	14,125,000	865,000	5.00	4,325,000
1914	1,130,000	13.80	15,594,000	839,000	4.90	4,111,000
1915	1,186,000	13.50	16,011,000	831,000	5.30	4,404,000
1916	1,210,000	10.40	12,584,000	835,000	5.60	4,676,000
1917	1,174,000	13.90	16,319,000	830,000	7.10	5,893,000
1918	1,291,000	22.30	28,789,000	913,000	11.70	10,682,000
1919	1,380,000	26.00	35,880,000	930,000	11.70	10,881,000
1920	1,191,000	23.70	28,227,000	509,000	11.50	5,856,000
1921	1,100,000	17.50	19,250,000	478,000	7.50	3,598,000
1922	1,060,000	14.50	15,370,000	468,000	5.70	2,679,000
1923	1,020,000	16.00	16,320,000	449,000	7.10	3,201,000
1924	980,000	14.50	14,210,000	431,000	7.70	3,333,000
1925	734,000	16.00	11,744,000	415,000	8.80	3,665,000
1926	693,000	19.00	12,977,000	415,000	9.70	4,010,000
1927	731,000	19.00	13,889,000	[2]400,000	9.40	[2]3,767,000
1928	841,000	16.00	13,456,000	437,000	9.50	4,160,000

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[1] On the basis of the 1925 Federal Census, the estimates have been revised back to 1920 but not prior to that year.

[2] Revised January 1, 1928.

TABLE 143—Swine and Sheep: Leading Counties in Number, Pennsylvania, January 1, 1927

County	SWINE, INCLUDING PIGS		County	SHEEP, INCLUDING LAMBS	
	Number	Total value		Number	Total value
TOTAL OF TEN	287,260	$5,372,580	TOTAL OF TEN	287,330	$2,594,350
% of State	39.3	38.7	% of State	69.9	67.4
York	53,960	$1,009,050	Greene	111,450	$969,610
Lancaster	46,060	810,660	Washington	96,510	791,380
Berks	31,850	630,630	Mercer	17,120	191,740
Franklin	27,740	485,450	Crawford	10,520	116,770
Cumberland	24,510	436,280	Franklin	10,370	114,070
Adams	21,980	404,430	Tioga	9,570	97,610
Montgomery	21,590	474,980	Bedford	8,650	81,310
Dauphin	21,190	428,040	Bradford	8,430	85,990
Bucks	20,070	407,420	Lawrence	7,490	60,670
Chester	18,310	285,640	Beaver	7,220	85,200

THE 1927 LAMB CROP

An increase of approximately 20 per cent in the size of the 1927 lamb crop, as compared with that of 1926 in Pennsylvania, was indicated in a survey made in July 1927. The lamb crop was estimated to be 274,000 head in 1927, 229,000 in 1926 and 246,000 in 1925. The fluctuation in the size of these crops has been due to the varying number of lambs saved per hundred breeding ewes one year old and over, since the estimated number of such ewes on January 1 has remained rather steady—249,000 in 1925 and 1926 and 246,000 in 1927.

For every 1,000 breeding ewes one year old and over on January 1 the number of lambs saved—either living June 1 or sold before that date—was 987 in 1925, 918 in 1926 and 1,114 in 1927. The Pennsylvania ratio for 1927 seems rather high, both in itself and in comparison with 1926, but this is due partly to the fact that some ewe lambs are generally used for breeding purposes and there was a considerable increase in ewe lambs so kept last year.

TABLE 144—Wool: Leading Counties in Production, Pennsylvania, 1926, and Total Production and Weight per Fleece, 1914-1926

Counties	WOOL: 1926		Year	WOOL: 1914-1926	
	Production	Value		Total production	Weight per fleece
	Pounds			Pounds	Pounds
TOTAL OF TEN,	1,972,350	$826,250	1914	3,959,000	5.9
% of State	72.2	73.8	1915	4,030,000	6.2
			1916	4,225,000	6.5
			1917	4,225,000	6.5
Washington	750,260	$315,110	1918	4,774,000	6.7
Greene	746,140	328,300	1919	3,444,000	7.0
Mercer	121,370	50,980	1920	3,206,000	7.0
Franklin	66,750	22,030	1921	3,053,000	7.1
Crawford	63,500	24,770	1922	3,073,000	7.3
Bradford	49,180	17,210	1923	2,990,000	7.4
Tioga	47,550	18,670	1924	2,766,000	7.6
Lawrence	42,970	17,620	1925	2,805,000	7.5
Beaver	42,400	16,960	1926	2,730,000	7.3
Bedford	42,230	15,200	1927	2,805,000	7.5

TABLE 145—Wool: Estimated Amount Produced on Farms and Approximate Value, Pennsylvania, 1925 and 1926.

County and district	Estimated number of fleeces clipped		Average weight per fleece		Production		Average price		Total value	
	1925	1926	1925	1926	1925	1926	1925	1926	1925	1926
			Lbs.	Lbs.	Pounds	Pounds	Per lb.	Per lb.		
Crawford	8,530	8,820	7.2	7.2	61,420	63,500	$0.45	$0.39	$27,640	$24,770
Erie	3,500	3,620	7.1	7.7	24,850	27,870	.50	.42	12,430	11,710
Forest	370	330	7.1	7.0	2,630	2,310	.43	.38	1,130	880
Mercer	14,530	15,970	7.0	7.6	101,710	121,370	.49	.42	49,840	50,980
Venango	3,770	3,740	7.2	7.0	27,140	26,180	.49	.41	13,300	10,730
Warren	2,440	2,290	6.9	6.7	16,840	15,340	.50	.38	8,420	5,830
NORTHWESTERN	33,140	34,770	7.1	7.4	234,590	256,570	.48	.41	112,760	104,900
Bradford	7,430	7,340	7.2	6.7	53,500	49,180	.47	.35	25,150	17,210
Cameron	480	510	6.7	6.0	3,220	3,060	.46	.36	1,480	1,100
Clinton	300	310	6.7	6.2	2,010	1,920	.47	.38	950	730
Elk	110	110	6.7	6.9	740	760	.45	.37	330	280
Lycoming	1,480	1,250	6.7	6.0	9,920	7,500	.44	.38	4,370	2,850
McKean	2,400	2,520	7.7	6.1	18,480	15,370	.49	.43	9,060	6,610
Potter	3,970	4,720	6.4	6.7	25,410	31,620	.43	.40	10,930	12,650
Sullivan	1,980	2,200	6.7	6.2	13,270	13,640	.50	.43	6,640	5,870
Tioga	8,740	8,060	6.7	5.9	58,560	47,550	.47	.38	27,520	18,070
NORTH CENTRAL	26,890	27,020	6.9	6.3	185,110	170,600	.47	.38	86,430	65,370
Lackawanna	400	380	6.9	6.2	2,760	2,360	.42	.41	1,160	970
Susquehanna	4,830	4,460	6.4	6.5	30,910	28,990	.39	.42	12,060	12,180
Wayne	1,680	1,540	6.8	6.5	11,420	10,010	.40	.40	4,570	4,000
Wyoming	1,600	1,380	6.7	6.3	10,720	8,690	.44	.41	4,720	3,560
NORTHEASTERN	8,510	7,760	6.6	6.4	55,810	50,050	.40	.41	22,510	20,710
Armstrong	3,830	3,930	6.9	6.3	26,430	24,760	.43	.42	11,370	10,400
Beaver	6,400	6,730	7.2	6.3	46,080	42,400	.48	.40	22,120	16,960
Butler	5,990	5,720	7.2	7.1	43,130	40,610	.43	.40	18,550	16,240
Clarion	1,600	1,700	7.4	6.6	11,840	11,220	.43	.40	5,090	4,490
Indiana	3,780	4,620	6.7	6.0	25,330	27,720	.45	.40	11,400	11,090
Jefferson	850	1,020	6.2	5.8	5,270	5,920	.35	.32	1,840	1,890
Lawrence	6,120	6,510	7.7	6.6	47,120	42,970	.49	.41	23,090	17,620
WEST CENTRAL	28,570	30,230	7.2	6.5	205,200	195,600	.46	.40	93,460	78,690
Blair	1,930	2,170	8.0	6.9	15,440	14,970	.43	.36	6,640	5,390
Cambria	1,110	1,220	7.2	6.5	7,990	7,930	.40	.37	3,200	2,930
Centre	2,590	3,240	6.7	6.8	17,350	22,030	.41	.39	7,110	8,590
Clearfield	680	940	5.7	6.0	3,870	5,640	.35	.35	1,350	1,970
Columbia	660	650	6.7	6.2	4,420	4,030	.35	.35	1,550	1,410
Dauphin	690	700	6.2	6.8	4,270	4,760	.40	.36	1,710	1,710
Huntingdon	3,960	5,720	6.7	6.9	26,530	39,470	.49	.39	13,000	15,390

Juniata	1,270	1,170	6.2	6.1	7,870	7,140	.44	.37	3,460	2,640
Mifflin	1,870	2,140	7.7	7.2	14,400	15,410	.36	.34	5,180	5,240
Montour	270	260	8.7	7.2	2,350	1,870	.30	.30	700	560
Northumberland	570	520	7.2	7.1	4,100	3,690	.30	.30	1,230	1,110
Perry	1,720	1,640	6.2	7.4	10,660	12,140	.40	.37	4,260	4,490
Snyder	270	260	8.3	8.0	2,240	2,080	.40	.38	900	790
Union	310	280	8.2	8.0	2,540	2,240	.49	.40	1,250	900
CENTRAL	17,900	20,910	6.9	6.9	124,030	143,400	.42	.37	51,540	53,120
Carbon	40	40	7.2	6.9	290	280	.35	.36	100	100
Lehigh	60	60	7.1	6.8	430	410	.36	.38	150	160
Luzerne	960	900	7.0	6.5	6,720	5,850	.38	.39	2,550	2,280
Monroe	650	550	6.5	7.2	4,230	3,960	.33	.39	1,400	1,540
Northampton	1,050	1,190	7.6	7.5	7,980	8,930	.37	.35	2,950	3,130
Pike	220	220	7.2	6.9	1,580	1,520	.39	.37	620	560
Schuylkill	270	270	7.1	6.8	1,920	1,840	.33	.33	630	610
EAST CENTRAL	3,250	3,230	7.1	7.1	23,150	22,790	.36	.37	8,400	8,380
Allegheny	2,450	2,570	7.7	6.8	18,860	19,790	.41	.39	7,730	7,720
Fayette	4,650	5,030	7.7	6.8	35,810	34,210	.50	.41	17,900	14,030
Greene	108,230	100,830	7.8	7.4	844,190	746,140	.49	.44	413,650	328,300
Somerset	3,830	4,280	7.8	7.3	29,870	31,240	.42	.41	12,540	12,810
Washington	92,360	91,970	7.9	7.9	729,640	750,260	.50	.42	364,820	315,110
Westmoreland	4,770	5,240	7.0	7.8	36,250	40,870	.46	.37	16,670	15.120
SOUTHWESTERN	216,290	212,920	7.8	7.6	1,694,620	1,622,510	.49	.43	833,310	693,090
Adams	2,710	2,360	7.7	7.2	20,870	16,990	.41	.36	8,560	6,120
Bedford	7,090	6,210	6.2	0.8	43,960	42,230	.41	.36	18,020	15,200
Cumberland	5,830	4,840	7.9	7.3	46,060	35,330	.36	.36	16,580	12,720
Franklin	910	8,900	6.7	7.5	61,040	66,750	.39	.33	23,810	22,030
Fulton	1,640	1,710	6.7	6.7	10,990	11,460	.40	.36	4,400	4,130
York	2,360	2,520	7.3	7.3	17,230	18,400	.40	.39	6,890	7,180
SOUTH CENTRAL	28,740	26,540	7.0	7.2	200,150	191,160	.39	.35	78,260	67,380
Berks	690	690	7.4	6.6	4,660	4,550	.37	.39	1,720	1,780
Bucks	1,050	1,060	7.4	6.9	7,770	7,310	.41	.30	3,190	2,190
Chester	3,030	2,890	8.0	7.3	24,240	21,100	.39	.35	9,450	7,390
Delaware	580	560	7.5	7.0	4,350	3,920	.41	.36	1,780	1,410
Lancaster	3,010	2,800	7.7	7.4	23,180	20,720	.36	.35	8,340	7,250
Lebanon	630	670	7.9	7.6	4,980	5,090	.39	.38	1,940	1,930
Montgomery	1,760	1,930	7.4	7.5	13,020	14,480	.40	.39	5,210	5,650
Philadelphia	20	20	7.2	7.6	140	150	.39	.39	50	60
SOUTHEASTERN	10,710	10,620	7.7	7.3	82,340	77,320	.38	.36	31,680	27,660
PENNSYLVANIA	374,000	374,000	7.5	7.3	2,805,000	2,730,000	.47	.41	1,318,350	1,119,300
UNITED STATES	32,311,000	33,449,000	7.6	7.8	245,562,000	260,901,000				

TABLE 146—Chickens: Estimated Number on Farms, Average Price and Total Value, Pennsylvania, January 1, 1926 and 1927

County and district	Estimated number		Average value		Total value		All poultry: U. S. Censuses					Chickens
	1926	1927	1926	1927	1926	1927	1880	1890	1900	1910	1920	1920[1]
							1,000s	1,000s	1,000s	1,000s	1,000s	1,000s
Crawford	394,200	419,400	$1.25	$1.23	$492,750	$515,860	183	274	259	279	330	324
Erie	335,600	340,100	1.23	1.18	412,790	401,320	131	166	193	213	243	236
Forest	16,600	18,000	1.30	1.16	21,580	20,880	7	10	13	14	13	13
Mercer	396,600	430,000	1.21	1.21	479,890	520,300	175	224	213	221	261	252
Venango	116,900	127,900	1.17	1.17	136,770	149,640	86	115	99	103	107	104
Warren	142,100	151,200	1.30	1.21	184,730	182,950	48	75	90	96	97	96
NORTHWESTERN	1,402,000	1,486,600	1.23	1.20	1,728,510	1,790,950	630	864	867	926	1,051	1,025
Bradford	511,600	513,200	1.27	1.33	649,730	682,560	179	224	242	276	347	340
Cameron	9,500	9,200	1.30	1.45	12,350	13,340	6	9	10	10	8	8
Clinton	72,200	72,400	1.08	1.19	77,980	86,160	37	64	55	53	63	60
Elk	49,000	53,100	1.08	1.25	52,920	66,380	13	17	27	36	33	33
Lycoming	245,500	263,700	1.18	1.22	289,690	321,710	128	152	167	179	214	204
McKean	60,800	61,000	1.30	1.38	79,040	84,180	23	38	45	47	51	50
Potter	71,800	69,900	1.07	1.20	76,830	83,880	40	52	58	61	68	66
Sullivan	41,100	40,400	1.08	1.26	44,390	50,900	25	30	32	36	37	36
Tioga	180,500	192,100	1.27	1.14	229,230	218,990	71	136	137	157	152	149
NORTH CENTRAL	1,242,000	1,275,000	1.22	1.26	1,512,160	1,608,100	522	722	773	855	973	946
Lackawanna	125,100	135,600	1.38	1.32	172,640	178,990	43	62	64	74	85	83
Susquehanna	213,200	226,900	1.33	1.37	283,560	310,850	112	150	164	190	173	168
Wayne	283,800	279,000	1.23	1.30	349,070	362,700	69	99	111	137	162	160
Wyoming	100,900	111,400	1.23	1.41	124,110	157,080	47	67	64	71	70	68
NORTHEASTERN	723,000	752,900	1.29	1.34	929,380	1,009,620	271	378	403	472	490	479
Armstrong	242,300	243,000	1.18	1.26	285,910	306,180	27	203	181	190	217	211
Beaver	189,200	186,000	1.33	1.41	251,640	262,260	142	153	124	124	151	147
Butler	318,300	338,700	1.23	1.23	391,510	416,600	198	241	241	259	291	279
Clarion	172,100	186,600	1.13	1.18	194,470	220,190	85	122	109	123	148	145
Indiana	283,300	312,900	1.33	1.26	376,790	394,250	140	175	182	203	230	224
Jefferson	157,000	157,500	1.12	1.03	175,840	162,230	67	94	92	108	122	121
Lawrence	183,800	182,500	1.23	1.34	226,070	244,550	72	133	130	131	144	140
WEST CENTRAL	1,546,000	1,607,200	1.23	1.25	1,902,230	2,006,260	731	1,121	1,059	1,138	1,303	1,267
Blair	131,400	138,500	1.33	1.18	174,760	163,430	61	80	80	92	103	100
Cambria	161,100	171,400	1.18	1.27	190,100	217,680	64	69	87	106	124	121
Centre	187,200	191,600	1.13	1.05	211,540	201,180	86	124	124	130	178	172
Clearfield	160,000	171,800	1.38	1.22	220,800	209,600	66	111	103	112	127	124
Columbia	191,900	194,500	1.33	1.32	255,230	256,740	91	140	124	136	178	172
Dauphin	287,100	285,100	1.18	1.11	338,780	316,460	120	181	170	199	252	235
Huntingdon	161,200	173,100	1.05	1.14	169,260	197,330	88	134	120	130	159	152
Juniata	201,100	211,900	1.05	1.15	211,150	243,690	82	104	113	146	182	176

Mifflin	114,100	117,900	1.07	1.07	122,090	126,150	55	85	79	88	104	99
Montour	75,700	82,100	1.22	1.33	92,350	109,190	42	60	49	52	74	69
Northumberland	234,400	249,400	1.18	1.22	276,590	304,270	186	148	148	171	217	206
Perry	212,800	226,400	1.12	1.27	238,340	287,530	83	149	147	168	213	204
Snyder	182,400	186,700	1.03	1.06	187,870	197,900	79	106	115	136	170	163
Union	141,600	140,600	1.13	1.17	160,010	164,500	60	71	91	99	134	128
CENTRAL	2,442,000	2,541,000	1.17	1.18	2,848,870	2,995,650	1,163	1,562	1,550	1,765	2,215	2,121
Carbon	67,900	65,400	1.43	1.40	97,100	91,560	29	45	49	47	58	56
Lehigh	235,100	235,800	1.34	1.17	315,030	275,890	139	192	205	233	253	240
Luzerne	163,300	173,700	1.30	1.41	262,290	244,920	90	115	119	129	146	141
Monroe	119,700	118,900	1.27	1.30	152,020	154,570	55	89	102	109	108	104
Northampton	332,900	354,200	1.28	1.40	426,110	495,880	169	187	204	247	278	267
Pike	59,400	57,200	1.23	1.12	73,060	64,060	19	33	29	37	43	42
Schuylkill	264,700	295,000	1.30	1.47	344,110	433,650	105	128	143	172	215	202
EAST CENTRAL	1,243,000	1,300,200	1.30	1.35	1,619,720	1,760,530	606	789	851	974	1,101	1,052
Allegheny	325,500	346,300	1.48	1.48	481,740	512,520	171	254	256	251	240	232
Fayette	215,900	238,400	1.46	1.47	315,210	350,450	129	181	165	157	175	170
Greene	156,600	169,800	1.26	1.40	197,320	237,720	109	276	187	159	186	179
Somerset	270,300	282,100	1.22	1.20	329,770	338,520	95	160	149	180	221	214
Washington	317,500	334,600	1.36	1.36	431,800	455,060	196	403	289	268	315	300
Westmoreland	411,260	441,700	1.38	1.50	567,460	662,550	210	287	277	286	345	334
SOUTHWESTERN	1,697,000	1,812,900	1.37	1.41	2,323,300	2,556,820	910	1,561	1,323	1,301	1,482	1,429
Adams	491,100	522,500	1.23	1.27	604,053	663,580	112	242	259	389	486	451
Bedford	262,100	278,900	1.09	1.07	285,690	298,420	101	172	158	190	236	226
Cumberland	345,000	346.100	1.22	1.14	420,900	394,550	147	264	200	226	324	307
Franklin	468,700	512,900	1.22	1.09	571,810	559,060	171	301	249	356	398	379
Fulton	132,400	130,100	1.11	1.04	146,960	135,300	35	80	73	89	112	108
York	1,216,700	1,282,200	1.23	1.22	1,496.540	1,564,280	267	549	535	694	973	923
SOUTH CENTRAL	2,916,000	3,072,700	1.21	1.18	3,525,950	3,615,190	833	1,608	1,474	1,944	2,529	2,394
Berks	767,900	832,600	1.18	1.27	906,120	1,057,400	314	488	527	606	752	702
Bucks	805,100	872,900	1.48	1.54	1,191,550	1,344,270	250	491	407	528	654	583
Chester	590,400	634,100	1.38	1.41	814,750	894.080	268	461	412	473	542	498
Delaware	80,100	79,500	1.49	1.46	119,350	116,070	94	123	115	110	103	94
Lancaster	1,310.800	1,328,200	1.24	1.24	1,625,390	1,646,970	347	645	645	884	1,101	1,042
Lebanon	319,500	317.300	1.19	1.25	380,200	396,630	114	171	172	199	250	234
Montgomery	714,200	774,400	1.39	1.44	992,740	1,115,140	275	351	418	508	648	607
Philadelphia	26,000	28,500	1.53	1.52	39,780	43,320	33	46	49	45	33	30
SOUTHEASTERN	4,614,000	4,867,500	1.32	1.36	6,069,880	6,613,880	1,695	2,770	2,745	3,353	4,083	3,790
PENNSYLVANIA	17,825,000	18,716,000	$1.26	$1.28	$22,460,000	$23,957,000	7,361	11,381	11,045	12,728	15.227	14,503

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[1] For chickens, January 1, 1925, see Table 147.

TABLE 147—Eggs: Estimated Number Produced on Farms and Approximate Value, Pennsylvania, 1925 and 1926

County and district	Eggs produced		Average price		Total value		Chickens January 1		
	1925	1926	1925	1926	1925	1926	1925	1926	1927
	Dozens	Dozens	Per doz.	Per doz.					
Crawford	[illegible]	2,662,000	$0.35	$0.36	$857,850	$958,320	375,500	394,200	419,400
Erie	[illegible]	2,131,000	.39	.37	775,710	788,470	319,800	335,600	340,100
Forest	[illegible]	129,000	.34	.34	40,460	43,860	16,700	16,600	18,000
Mercer	[illegible]	1,930,000	.36	.36	642,600	694,800	374,300	396,600	430,000
Venango	[illegible]	[illegible]	.33	.34	237,270	246,500	117,000	116,900	127,900
Warren	[illegible]	[illegible]	.40	.39	408,400	424,000	140,700	142,100	151,200
NORTHWESTERN	[illegible]	[illegible]	.37	.36	2,962,290	3,155,950	1,344,000	1,402,000	1,486,600
Bradford	[illegible]	[illegible]	.42	.36	1,575,840	1,428,120	492,000	511.600	513,200
Cameron	[illegible]	[illegible]	.38	.39	18,240	19,500	9,400	9,500	9,200
Clinton	[illegible]	[illegible]	.35	.34	121,100	121,380	73,000	72,200	72,400
Elk	[illegible]	[illegible]	.45	.40	169,650	160,000	46,700	49,000	53,100
Lycoming	[illegible]	[illegible]	.37	.38	495,060	562,020	231,700	245,500	263,700
McKean	[illegible]	[illegible]	.38	.39	167,960	186,810	58,600	60,800	61,000
Potter	[illegible]	[illegible]	.38	.35	182,020	177,800	71,200	71,800	69,900
Sullivan	264,000	[illegible]	.39	.38	102,960	106,780	41,100	41,100	40,400
Tioga	1,232,000	[illegible]	.36	.35	443,520	467,950	175,300	180,500	192,100
NORTH CENTRAL	8,278,000	8,858,000	.40	.36	3,276,350	3,230,360	1,199,000	1,242,000	1,275,000
Lackawanna	856,000	945,000	.41	.38	350,960	359,100	116,800	125,100	135,600
Susquehanna	1,458,000	1,539.000	.38	.39	554,040	600,210	213,100	213,200	226,900
Wayne	2,381.000	2,505,000	.37	.37	880,970	926,850	283,700	283,800	279,000
Wyoming	742,000	808,000	.40	.30	296,800	242,400	93,400	100,900	111,400
NORTHEASTERN	5,437,000	5,797,000	.38	.37	2,082,770	2,128,560	707,000	723,000	752,900
Armstrong	1,419,000	1,514,000	.34	.31	482,460	469,340	235,400	242,300	243,000
Beaver	957,000	1,033,000	.44	.36	421,080	371,880	178,600	189,200	186,000
Butler	1,871,000	1,996,000	.34	.35	636,140	698,600	306,100	318,300	338,700
Clarion	1,054,000	1,166,000	.31	.32	326,740	373,120	164,000	172,100	186,600
Indiana	1,473,000	1,620,000	.35	.33	515,500	534,600	264,800	283,300	312,900
Jefferson	1,018,000	1,085,000	.36	.36	366,480	390,600	151,000	157,000	157,500
Lawrence	1,009,000	1,082,000	.40	.41	403,600	443,620	182,100	183,800	182,500
WEST CENTRAL	8,801,000	9,946,000	.36	.35	3,152,050	3,281,760	1,482,000	1,546,000	1,607,200
Blair	687,000	769,000	.40	.38	274,800	292,220	125,200	131,400	138,500
Cambria	870,000	956.000	[illegible]	[illegible]	330,600	372,840	152,000	161.100	171,400
Centre	1,064,000	1,157,000	.37	.37	393,680	428,090	180,000	187,200	191,600
Clearfield	780,000	827,000	.41	.40	319,800	330,800	152,400	160,000	171,800
Columbia	1,262.000	1,325.000	.40	.39	504,800	516,750	184,600	191,900	194,500
Dauphin	1,509.000	1,631,000	.37	.34	558,330	554,540	284,300	287,100	285,100
Huntingdon	816,000	914,000	.31	.32	252,960	292,480	153,500	161,200	173,100

Juniata	1,124,000	1,218,000	.31	.31	348,440	377,580	188,000	201,100	211,900
Mifflin	694,000	707,000	.41	.32	284,540	226,240	114,100	114,100	117,900
Montour	446,000	485,000	.35	.29	156,100	140,650	74,200	75,700	82,100
Northumberland	1,267,000	1,316,000	.36	.33	456,120	434,280	232,100	234,400	249,400
Perry	1,080,000	1,122,000	.32	.33	345,600	370,200	208,600	212,800	226,400
Snyder	1,086,000	1,148,000	.34	.35	369,240	401,800	175,400	182,400	186,700
Union	866,000	929,000	.31	.31	268,460	287,990	133,600	141,600	140,600
CENTRAL	13,551,000	14,504,000	.36	.35	4,863,470	5,026,520	2,358,000	2,442,000	2,541,000
Carbon	408,000	442,000	.41	.42	167,280	185,640	65,900	67,900	65,400
Lehigh	1,390,000	1,469,000	.34	.35	472,600	514,150	237,500	235,100	235,800
Luzerne	1,003,000	1,077,000	.41	.42	411,230	452,340	158,500	163,300	173,700
Monroe	792,000	867,000	.37	.38	293,040	329,460	115,100	119,700	118,900
Northampton	2,061,000	2,280,000	.45	.43	927,450	980,400	314,100	332,900	354,200
Pike	420,000	425,000	.39	.40	163,800	170,000	58,800	59,400	57,200
Schuylkill	1,683,000	1,859,000	.43	.44	723,690	817,960	252,100	264,700	295,000
EAST CENTRAL	7,757,000	8,419,000	.41	.41	3,159,090	3,449,950	1,202,000	1,243,000	1,300,200
Allegheny	2,001,000	2,074,000	.43	.44	860,430	912,560	316,100	325,500	346,300
Fayette	1,050,000	1,072,000	.42	.39	441,000	418,080	213,800	215,900	238,400
Greene	894,000	925,000	.33	.32	295,020	296,000	156,600	156,600	169,800
Somerset	1,533,000	1,640,000	.38	.36	601,540	590,400	267,700	270,300	282,100
Washington	1,326,000	1,363,000	.37	.38	490,620	517,940	314,400	317,500	334,600
Westmoreland	2,195,000	2,346,000	.42	.40	921,900	938,400	395,400	411,200	441,700
SOUTHWESTERN	9,049,000	9,420,000	.40	.39	3,610,510	3,673,380	1,664,000	1,697,000	1,812,900
Adams	[illegible]	[illegible]	.32	.30	947,520	962,400	477,000	491,100	522,500
Bedford	[illegible]	[illegible]	.30	.31	366,900	399,280	254,600	262,100	278,900
Cumberland	[illegible]	[illegible]	.35	.33	793,450	785,400	338,300	345,000	346,100
Franklin	[illegible]	[illegible]	.29	.30	773,140	812,100	468,900	468,700	512,900
Fulton	[illegible]	[illegible]	.30	.30	240,600	266,100	126,200	132,400	130,100
York	[illegible]	[illegible]	.34	.34	2,548,640	2,768,280	1,148,000	1,216,700	1,282,200
SOUTH CENTRAL	[illegible]	[illegible]	.33	.32	5,670,250	5,993,560	2,813,000	2,916,000	3,072,700
Berks	[illegible]	[illegible]	.38	.35	1,499,860	1,422,050	753,100	767,900	832,600
Bucks	[illegible]	[illegible]	.40	.40	2,061,200	2,096,000	805,300	805,100	872,900
Chester	[illegible]	[illegible]	.39	.37	1,501,500	1,517,740	590,600	590,400	634,100
Delaware	[illegible]	511,000	.38	.38	178,980	194,180	79,300	80,100	79,500
Lancaster	[illegible]	9,482,000	.36	.35	3,236,760	3,318,970	1,298,300	1,310,800	1,328,200
Lebanon	[illegible]	[illegible]	.33	.34	701,250	776,900	298,700	319,500	317,300
Montgomery	[illegible]	4,237,000	.40	.39	1,600,000	1,652,430	686,900	714,200	774,400
Philadelphia	[illegible]	209,000	.37	.41	70,670	85,690	24,800	26,000	28,500
SOUTHEASTERN	28,728,000	30,129,000	.38	.37	10,850,220	11,063,960	4,537,000	4,614,000	4,867,500
PENNSYLVANIA	107,100,000	113,900,000	.37	.36	39,627,000	41,004,000	17,306,000	17,825,000	18,716,000

TABLE 148—Eggs: Index to Production on Farms[1], Pennsylvania, July 1924-December 1927

Year and month	Number of flocks reported	Average number of laying age in flocks	Average one-day production: Per 100 hens	Average one-day production: Per flock	Percentage of relative layings in each month[2]
1924			Eggs	Eggs	
July 1	448	101.8	46.3	47.2	----------
Aug. 1	290	100.8	42.8	43.2	----------
Sept. 1	614	96.5	36.5	35.2	----------
Oct. 1	645	89.8	25.9	23.3	----------
Nov. 1	604	106.8	13.9	14.9	----------
Dec. 1	718	114.3	12.1	13.8	----------
1925					
Jan. 1	697	121.0	15.5	18.8	3.8
Feb. 1	754	116.0	21.0	24.4	5.1
Mar. 1	612	117.8	39.1	46.1	9.5
Apr. 1	754	120.8	55.3	66.8	13.5
May 1	688	113.9	55.5	63.2	13.5
June 1	588	103.9	50.2	52.2	12.3
July 1	645	110.2	43.6	48.0	10.6
Aug. 1	570	99.5	42.3	42.1	10.3
Sept. 1	673	95.3	36.1	34.4	8.8
Oct. 1	838	99.6	25.9	25.7	6.3
Nov. 1	840	125.9	12.7	16.0	3.1
Dec. 1	1,134	117.3	12.9	15.2	3.2
12 layings	733	111.8	410.1	452.9	100.0
1926					
Jan. 1	1,035	131.4	18.7	24.5	4.4
Feb. 1	1,023	127.3	24.3	30.9	.5.7
Mar. 1	826	106.6	40.0	42.6	9.4
Apr. 1	872	117.1	53.1	62.2	12.4
May 1	877	115.6	58.7	67.9	13.7
June 1	974	110.2	52.5	57.8	12.3
July 1	777	102.6	47.2	48.4	11.0
Aug. 1	733	107.5	43.3	46.5	10.1
Sept. 1	660	99.8	36.0	35.9	8.4
Oct. 1	744	108.2	26.6	28.7	6.2
Nov. 1	760	122.9	14.1	17.3	3.3
Dec. 1	870	122.5	13.2	16.1	3.1
12 layings	846	114.3	427.7	478.8	100.0
1927					
Jan. 1	1,033	139.6	16.7	23.4	3.9
Feb. 1	1,021	129.0	25.0	32.2	5.8
Mar. 1	973	130.3	42.0	54.7	9.8
Apr. 1	876	125.7	58.9	74.1	13.7
May 1	903	114.6	58.7	67.2	13.7
June 1	913	110.6	53.9	59.7	12.6
July 1	794	105.0	44.9	47.1	10.5
Aug. 1	851	103.5	41.9	43.3	9.7
Sept. 1	671	101.9	35.5	36.1	8.3
Oct. 1	655	103.9	23.6	24.5	5.5
Nov. 1	776	120.0	14.0	16.8	3.3
Dec. 1	962	135.6	14.0	19.0	3.2
12 layings	869	118.3	429.1	498.1	100.0

Year	Layings per 100 hens on first day of month as percentage of year previous												
	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1925	------	------	------	------	------	------	94	99	99	100	91	107	------
1926	123	118	102	96	106	105	108	102	100	103	111	102	106.0
1927	89	103	105	111	100	103	95	97	99	89	99	106	99.6

[1] Record of egg production, based upon returns made the first day of each month from the farms of Pennsylvania crop reporters, giving number of hens and pullets of laying age in the reporter's flock and the number of eggs laid by his flock on the preceding day.

[2] Reported daily layings at first of each month, in per cent of the total 12 layings reported.

TABLE 149—Chickens: Leading Counties in Number, Pennsylvania, January 1, 1927, and Eggs: Leading Counties in Production, 1926

County	CHICKENS		County	EGGS	
	Number	Total value		Production	Total value
TOTAL OF TEN	7,714,700	$10,189,910	TOTAL OF TEN	Dozens 47,810,000	$16,936,410
% of State	41.2	42.5	% of State	42.0	41.3
Lancaster	1,328,200	$1,646,970	Lancaster	9,482,000	$3,318,970
York	1,282,200	1,564,280	York	8,142,000	2,768,280
Bucks	872,900	1,344,270	Bucks	5,240,000	2,096,000
Berks	832,600	1,057,400	Montgomery	4,237,000	1,652,430
Montgomery	774,400	1,115,140	Chester	4,102,000	1,517,740
Chester	634,100	894,080	Berks	4,063,000	1,422,050
Adams	522,500	663,580	Bradford	3,967,000	1,428,120
Bradford	513,200	682,560	Adams	3,208,000	962,400
Franklin	512,900	559,060	Franklin	2,707,000	812,100
Westmoreland	441,700	662,570	Crawford	2,662,000	958,320

TABLE 150—Hives of Bees: Leading Counties in Number, Pennsylvania, January 1, 1927, and Honey: Leading Counties in Production, 1926

County	HIVES OF BEES		County	HONEY	
	Number	Total value		Production	Total value
TOTAL OF TEN	42,610	$245,450	TOTAL OF TEN	Pounds 678,000	$141,600
% of State	30.5	29.5	% of State	32.5	30.6
Bradford	8,220	$51,730	Bradford	159,100	$23,860
Bedford	4,490	22,600	Crawford	70,600	15,530
York	4,080	19,900	Bedford	66,600	14,650
Clearfield	3,930	24,760	Clearfield	59,200	13,020
Lancaster	3,910	22,680	Lancaster	57,000	12,540
Crawford	3,890	23,730	Susquehanna	56,500	11,860
Armstrong	3,850	21,560	Indiana	54,700	13,130
Somerset	3,500	19,220	York	54,100	13,520
Westmoreland	3,430	21,610	Somerset	50,400	12,100
Indiana	3,250	18,200	Armstrong	49,800	11,450

TABLE 151—Inspection of Apiaries, Pennsylvania, 1919-1926

[Bureau of Plant Industry, Pennsylvania Department of Agriculture]

Year	Inspections			Per cent of colonies		Queen apiaries	
	Apiaries	Colonies		Diseased	In unlawful hives	Number applying for licenses	Number licensed
		Number	Average per apiary				
TOTAL 1919-1926	7,173	91,074	12.6			136	96
1919	294	8,231	28.0	6.4		10	10
1920	852	9,714	11.4	10.8		12	12
1921	1,781	18,176	10.2	10.1		19	16
1922	880	9,394	10.7	7.8		22	16
1923	371	4,475	12.1	9.0	[1]16.0	21	12
1924	1,197	16,865	14.1	7.3	9.5	19	14
1925	398	9,572	24.1	5.7	5.7	21	11
1926	1,400	14,647	10.5	6.8	10.2	12	5
AVERAGE	897	11,384	12.6	8.0	10.4	17	12

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[1] The law requiring the use of movable frames in hives became effective July 1, 1923. The first year's inspection showed that 16 per cent of the colonies were kept in objectionable hives.

TABLE 152—Hives of Bees: Estimated Number on Farms, Average Price and Total Value, Pennsylvania, January 1, 1926 and 1927, and Honey: Estimated Amount Produced on Farms and Approximate Value, 1925 and 1926

County and district	HIVES OF BEES						HONEY					
	Number		Average value		Total value		Production		Average price		Total value	
	1926	1927	1926	1927	1926	1927	1925	1926	1925	1926	1925	1926
	Hives	Hives	Per hive	Per hive			Pounds	Pounds	Per lb.	Per lb.		
Crawford	3,950	3,890	$5.90	$6.10	$23,310	$23,730	77,000	70,600	$0.24	$0.22	$18,480	$15,530
Erie	2,280	2,100	7.00	6.90	15,960	14,490	46,300	42,600	.21	.20	9,720	8,520
Forest	660	660	5.25	5.20	3,470	3,400	9,800	8,000	.24	.24	2,350	1,920
Mercer	2,690	2,760	6.25	6.00	16,810	16,560	51,900	43,400	.23	.23	11,940	9,980
Venango	1,850	1,920	5.50	5.40	10,180	10,370	36,100	31,400	.24	.23	8,660	7,220
Warren	1,420	1,560	7.25	7.20	10,300	11,230	27,000	24,700	.24	.23	6,480	5,680
NORTHWESTERN	12,850	12,890	6.23	6.19	80,030	79,780	248,100	220,700	.23	.22	57,630	48,850
Bradford	7,640	8,220	6.25	6.30	47,750	51,790	178,300	159,100	.17	.15	30,310	23,860
Cameron	340	350	5.25	5.30	1,790	1,860	6,400	5,800	.25	.22	1,600	1,280
Clinton	750	780	6.50	6.40	4,880	4,990	11,100	9,800	.20	.21	2,220	2,060
Elk	1,020	1,050	7.00	7.10	7,140	7,460	23,400	19,100	.25	.21	5,850	4,010
Lycoming	1,670	1,800	6.25	6.50	10,440	11,700	37,500	33,000	.22	.18	8,250	5,940
McKean	1,190	1,260	6.00	6.50	7,140	8,190	23,900	18,700	.20	.20	4,780	3,740
Potter	1,850	1,910	7.00	7.00	12,950	13,370	35,300	26,100	.24	.23	8,470	6,000
Sullivan	1,200	1,350	5.00	5.10	6,000	6,880	26,000	22,000	.18	.19	4,680	4,180
Tioga	2,610	2,730	5.75	5.50	15,010	15,020	53,900	48,400	.17	.16	9,160	7,740
NORTH CENTRAL	18,270	19,450	6.19	6.23	113,100	121,260	295,800	342,000	.19	.17	75,320	58,810
Lackawanna	920	910	4.50	5.50	4,140	5,000	16.800	14,800	.25	.23	4,200	3,400
Susquehanna	2,770	2,810	6.50	6.40	18,000	17,980	64,300	56,500	.22	.21	14,150	11,860
Wayne	2,130	2,120	6.50	6.60	13,840	13,990	46,300	38,600	.21	.22	9,720	8,490
Wyoming	2,170	2,450	6.75	6.50	14,650	15,920	47,600	42,000	.23	.23	10,950	9,660
NORTHEASTERN	7,990	8,290	6.34	6.38	50,630	52,890	175,000	151,900	.22	.22	39,020	33,410
Armstrong	3,580	3,850	5.25	5.60	18,800	21,560	60,100	49,800	.23	.23	13,820	11,450
Beaver	1,110	1,140	5.50	5.50	6,100	6,270	17,700	14,600	.29	.26	5,130	3,800
Butler	2,860	3,140	6.00	5.90	17,160	18,530	51,000	40,100	.29	.25	14,790	10,020
Clarion	1,880	1,950	6.00	6.00	11,280	11,700	33,000	27,500	.25	.24	8,250	6,600
Indiana	3,110	3,250	5.75	5.60	17,880	18,200	65,700	54,700	.23	.24	15.110	13,130
Jefferson	2,510	2,600	5.00	5.80	12,550	15,080	50,800	37,600	.24	.23	12,190	8,650
Lawrence	1,350	1,450	6.25	6.40	8,440	9,280	25,600	22,200	.26	.25	6,660	5,550
WEST CENTRAL	16,400	17,380	5.62	5.79	92,210	100,620	303,900	246,500	.25	.24	75,950	59,200
Blair	1,270	1,340	5.40	5.50	6,860	7,370	20,600	19,100	.24	.24	4,940	4,580
Cambria	2,440	2,500	6.25	6.50	15,250	16,250	39,600	32,800	.28	.26	11,090	8,530
Centre	1,450	1,500	5.75	6.00	8,340	9,000	27,700	21,800	.22	.23	6,090	5,010
Clearfield	3,720	3,930	6.25	6.30	23,250	24,760	71,100	59,200	.22	.22	16,520	13,020
Columbia	2,090	2,310	6.50	6.60	13,580	15,250	43,100	36,900	.21	.22	9,050	8,120

Dauphin	1,940	2,030	5.15	5.30	9,990	10,760	32,100	27,400	.24	.24	7,700	6,580
Huntingdon	2,050	2,210	5.00	5.20	10,250	11,490	33,800	33,500	.27	.22	10,480	7,370
Juniata	1,140	1,200	5.90	6.00	6,730	7,200	18,500	14,800	.23	.23	4,260	3,400
Mifflin	660	710	6.00	5.80	3,960	4,120	11,300	9,400	.25	.25	2,830	2,350
Montour	530	560	5.50	5.60	2,910	3,140	7,400	6,900	.20	.20	1,480	1,380
Northumberland	1,410	1,490	5.25	5.50	7,400	8,200	20,400	19,000	.22	.23	4,490	4,750
Perry	1,120	1,230	4.50	4.50	5,040	5,540	17,300	15,000	.22	.22	3,810	3,300
Snyder	1,330	1,320	6.75	6.70	8,980	8,840	20,600	17,000	.24	.23	4,940	3,910
Union	350	380	5.75	5.90	2,010	2,240	7,300	5,400	.24	.23	1,750	1,240
CENTRAL	21,500	22,710	5.79	5.91	124,550	134,160	375,800	318,200	.24	.23	89,430	73,540
Carbon	520	540	5.70	5.60	2,960	3,020	8,400	6,600	.25	.24	2,100	1,650
Lehigh	1,500	1,570	5.00	5.70	7,500	8,950	28,800	26,600	.21	.20	6,050	5,320
Luzerne	2,310	2,370	8.25	8.50	19,060	20,140	38,800	32,300	.22	.21	8,540	6,780
Monroe	1,540	1,590	5.50	6.00	8,470	9,540	24,700	21,400	.22	.23	5,430	4,920
Northampton	1,850	1,900	5.00	5.10	9,250	9,690	32,500	27,000	.23	.22	7,480	5,940
Pike	320	330	5.50	5.40	1,760	1,780	3,400	2,800	.22	.20	750	560
Schuylkill	1,110	1,100	6.50	6.60	7,210	7,260	14,000	11,300	.23	.23	3,220	2,600
EAST CENTRAL	9,150	9,400	6.14	6.42	56,210	60,380	150,600	128,000	.22	.22	33,570	27,770
Allegheny	1,610	1,570	7.00	7.50	11,270	11,780	23,900	19,900	.31	.29	7,410	5,770
Fayette	2,060	2,030	7.00	7.00	14,420	14,210	38,600	32,600	.28	.27	10,810	8,800
Greene	2,940	2,980	5.50	5.60	16,170	16,690	52,900	41,600	.29	.29	15,340	12,060
Somerset	3,540	3,560	5.00	5.40	17,700	19,220	64,100	50,400	.26	.24	16,670	12,100
Washington	2,730	2,880	5.50	5.70	15,010	16,420	57,300	40,400	.30	.25	17,190	10,100
Westmoreland	3,480	3,430	6.10	6.30	20,880	21,610	59,800	39,800	.31	.29	18,540	11,540
SOUTHWESTERN	16,360	16,450	5.83	6.07	95,450	99,130	296,600	224,700	.29	.27	85,960	60,370
Adams	1,990	2,040	4.25	4.80	8,460	9,790	27,400	20,300	.22	.21	6,030	4,260
Bedford	4,380	4,490	4.25	4.90	18,610	22,000	75,800	66,600	.24	.22	18,190	14,650
Cumberland	1,720	1,780	5.50	5.70	9,460	10,150	28,300	27,300	.25	.21	7,080	5,730
Franklin	2,950	3,210	5.00	4.80	14,750	15,410	51,700	43,000	.23	.22	11,890	9,460
Fulton	1,740	1,890	4.75	5.00	8,260	9,450	26,900	24,400	.22	.20	5,920	4,880
York	3,860	4,080	4.25	4.90	16,400	19,900	58,100	54,100	.26	.25	15,110	13,520
SOUTH CENTRAL	16,640	17,490	4.56	4.96	75,940	86,790	268,200	235,700	.24	.22	64,220	52,500
Berks	2,700	2,960	5.50	6.00	14,580	17,760	49,400	41,100	.22	.21	10,870	8,630
Bucks	2,810	3,030	5.75	6.10	16,160	18,480	43,400	40,200	.24	.21	10,420	8,440
Chester	2,000	2,010	5.00	6.90	10,000	13,870	30,700	27,800	.28	.25	8,600	6,950
Delaware	450	440	5.75	5.70	2,590	2,510	6,900	6,300	.25	.25	1,730	1,580
Lancaster	3,890	3,910	5.50	5.80	21,390	22,680	61,600	57,000	.24	.22	14,780	12,540
Lebanon	1,090	1,210	5.00	5.90	5,450	7,140	19,200	17,800	.20	.22	3,840	3,920
Montgomery	1,930	2,040	5.75	6.00	11,100	12,240	28,000	26,700	.27	.25	7,560	6,680
Philadelphia	30	30	5.75	5.70	170	170	400	400	.27	.26	110	100
SOUTHEASTERN	14,900	15,630	5.47	6.07	81,440	94,850	239,600	217,300	.24	.22	57,910	48,840
PENNSYLVANIA	134,060	139,690	$5.74	$5.95	$769.560	$830,660	2,453,600	2,085,000	$0.24	$0.22	$579,010	$463,290

TABLE 153—Maple sugar production, United States, by States, 1850-1920

[Reports of U. S. Bureau of the Census]

State	1920	1910	1900	1890	1880	1870	1860	1850
	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds	Pounds
Total[1]	9,961,854	14,060,206	11,928,770	32,952,927	36,576,061	28,443,645	40,120,205	34,253,436
Vermont	6,251,734	7,726,817	4,779,870	14,123,921	11,261,077	8,894,302	9,897,781	6,349,357
New York	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
PENNSYLVANIA	535,954	1,188,049	1,429,540	1,651,163	2,866,010	1,545,917	2,767,335	2,326,525
New Hampshire	329,723	558,811	441,870	2,124,515	2,731,945	1,800,704	2,255,012	1,298,863
Maryland	150,957	351,908	264,160	156,284	176,076	70,464	63,281	47,740
Michigan	77,178	293,301	302,715	1,641,402	3.423,149	1,781,855	4,051,822	2,439,794
West Virginia	73.763	140,060	141,550	177.724	310,866	490,606	----------	----------
Massachusetts	73,198	156,952	192.990	558.674	878.793	399,800	1,006,078	795,525
Ohio	62,001	257,592	613.990	1,575,562	2,895.782	3,469.128	3,345,508	4,588,209
Virginia,	38,362	44,976	19,310	26,991	85,693	245,093	938,103	[illegible]
Maine	24.934	15,388	5,500	84,537	153,334	160,805	306,742	93,542
Wisconsin	22,430	27,199	4.180	128,410	448,837	507,192	1,584.451	610,976
Indiana	14,487	33,419	51,900	67,329	235,117	1,332,332	1,541,761	2,921.192
Connecticut	5,173	10,207	4.930	8,617	44,092	14,266	44,259	50,796
Missouri	5,047	11,638	12,055	20,182	58,964	116,980	142,028	178,910
Minnesota	3,146	11.399	29,580	34,917	76.972	210,467	370.669	2,950
Iowa	3,130	6,173	2,320	45,120	50,710	146,490	315,436	78,407
Illinois	1,436	5,366	4,090	13,260	80,193	136,873	134,195	248,904
Kansas	20	40,016	----------	----------	----------	938	3,742	----------
Kentucky	2,393	10,697	2,340	11,259	66,535	269,416	380,941	437.405
Tennessee	1.872	4,326	1.160	9.167	31,996	134,968	115,620	158,557
North Carolina	1,560	3,305	1,180	7,713	4,103	21,574	30,845	27,932
New Jersey	29	1,195	----------	210	2,496	419	3,455	2,197

[1] The totals include small quantities not reported under individual States.

TABLE 154—Maple sirup production, United States, by States, 1860-1920

[Reports of U. S. Bureau of the Census]

State	1920	1910	1900	1890	1880	1870	1860
	Gallons	Gallons	Gallons	Gallons	Gallons	Gallons	Gallons
Total[1]	3,507,745	4,106,418	2,056,611	2,258,376	1,796,048	921,057	1,597,589
New York	1,080,505	993,242	413,159	457,658	266,390	46,048	131,843
Ohio	694,175	1,323,431	923,519	727,142	495,839	352,612	370,512
Vermont	631,924	409,953	160,918	218,252	128.091	12.023	16,253
PENNSYLVANIA	273,762	391,242	160,297	154,650	140,667	39,385	114,310
Michigan	266,795	269,093	82,997	197,775	131,990	23,637	78,998
Indiana	167,360	273,728	179,576	180,702	242,084	227,880	292,908
Wisconsin	138,627	124,117	6,625	48,006	58,012	31,218	83,118
New Hampshire	112,824	111,500	41,588	81,997	79,712	16,884	43,833
Massachusetts	57,950	53,091	27,174	33,632	13,017	2,326	15,307
Maine	42,144	43,971	16,024	71,818	82,006	28,470	32,679
West Virginia	23,448	31,176	14,874	19,032	28,696	20,209	----------
Maryland	23,155	12,172	5,825	1,021	2,043	374	2,404
Minnesota	12,870	17,808	1,079	12,091	11,407	12,722	23,038
Illinois	12,114	18,492	9,357	13,978	40,077	10,378	20,048
Missouri	12,039	9,389	5,474	8,333	16,244	16,317	18,289
Virginia	8,137	6,046	1,677	3,468	7,518	11,400	99,605
Iowa	4,915	8,596	2,662	14,413	17,766	9,315	11,405
Connecticut	2,866	4,236	948	1,437	2,173	168	2,277
Kentucky	989	3,547	2,367	10,468	27,530	49,073	140,076
North Carolina	333	404	129	1,142	582	418	17,759
Tennessee	275	373	171	1,186	3,688	4,843	74,372
New Jersey	143	504	----------	134	334	5	8,088

[1] The totals include small quantities not reported under individual States.

TABLE 155—Maple Sugar and Sirup Production, Principal States, 1924-1927, and Pennsylvania, 1919-1923

State and year	Trees tapped	Sugar made	Sirup made	Production in terms of sugar[1]		Quality[2]
				Total	Average per tree	
	1,000s	1,000 pounds	1,000 gallons	1,000 pounds	Pounds	Per cent
PENNSYLVANIA:						
1919	1,020	561	264	2,672	2.62	92
1920	1,061	415	253	2,440	2.30	95
1921	785	173	98	960	1.22	----------
1922	815	242	245	2,201	2.70	100
1923	831	209	265	2,329	2.80	99
1924	773	184	265	2,304	2.98	98
1925	696	208	191	1,736	2.49	91
1926	696	223	251	2.227	3.20	98
1927	626	148	139	1,260	2.01	90
Maine:						
1924	314	24	72	600	1.91	102
1925	320	22	51	432	1.35	94
1926	304	29	61	517	1.70	95
1927	310	15	60	495	1.60	96
New Hampshire:						
1924	798	279	214	1,991	2.49	104
1925	798	227	161	1,516	1.90	96
1926	790	233	198	1,817	2.30	97
1927	822	289	164	1,601	1.95	91
Vermont:						
1924	5,445	2,445	1,222	12,221	2.24	101
1925	5.554	1,794	956	9,442	1.70	95
1926	5,554	1,602	980	9,442	1.70	93
1927	5,665	1,694	1,417	13,030	2.30	91
Massachusetts:						
1924	272	125	63	629	2.31	102
1925	272	126	56	571	2.10	97
1926	272	128	86	816	3.00	100
1927	277	132	75	732	2.64	88
New York:						
1924	4,080	861	1,069	9,413	2.31	101
1925	3.998	624	896	7,792	1.95	91
1926	3.958	1,168	1,128	10,192	2.57	100
1927	3,839	733	1,002	8,749	2.28	92
Ohio:						
1924	1.747	38	467	3,774	2.16	98
1925	1.747	122	341	2,850	1.63	92
1926	1,700	68	578	4,692	2.76	91
1927[3]	----------	----------	----------	----------	----------	----------
Indiana:						
1924	536	18	180	1,458	2.72	98
1925	515	10	148	1,194	2.32	90
1926	533	8	163	1,312	2.46	91
1927[3]	----------	----------	----------	----------	----------	----------
Michigan						
1924	855	80	193	1,624	1.90	94
1925	838	75	179	1,507	1.80	96
1926	863	100	300	2,503	2.90	99
1927	828	72	172	1,448	1.75	95
Wisconsin:						
1924	587	24	158	1,288	2.19	95
1925	575	28	110	908	1.58	92
1926	575	18	155	1,258	2.19	103
1927	570	19	154	1,251	2.19	(3)
TOTAL 10 STATES:						
1924	15,407	4,078	3,903	35,302	2.29	100
1925	15,313	3,236	3,089	27,948	1.83	93
1926	15,245	3,577	3,900	34,776	2.28	96
1927[3]	----------	----------	----------	----------	----------	----------

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[1] One gallon of sirup taken as equivalent to 8 pounds of sugar.

[2] Compared with high-medium grade represented as 100.

[3] Not available.

TABLE 156—Percentage of Farms Reporting Certain Classes of Livestock, Pennsylvania, 1924[1]

[State Triennial Farm Census]

County and district	Farms: 1925		Horses	Mules	Dairy cows	Bulls and other dairy cattle	All other cattle	Fattened steers[2]	Swine	Sheep	Hens and pullets	Bees
	Federal census	State census										
	Number	Number	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.	P. ct.
Crawford	6,578	6,252	77.7	2.3	83.1	34.6	34.0	2.3	58.4	9.3	83.7	10.0
Erie	5,698	4,907	81.9	2.1	81.9	28.2	34.9	1.6	51.9	5.1	86.9	7.1
Forest	450	376	73.1	3.7	66.5	14.4	54.8	5.1	70.2	5.3	87.7	24.7
Mercer	4,556	4,413	81.5	2.6	84.8	39.2	32.3	4.8	72.9	15.4	89.3	11.1
Venango	2,373	2,138	78.2	2.1	78.6	27.6	54.5	6.5	73.0	10.9	85.8	14.9
Warren	2,544	2,344	80.0	2.1	87.6	32.7	24.0	2.6	51.6	6.4	86.3	8.8
NORTHWESTERN	22,199	20,430	79.8	2.3	81.9	32.7	36.4	3.2	60.9	9.3	86.3	10.1
Bradford	5,104	5,081	76.1	2.6	80.9	48.7	50.6	1.5	53.5	8.5	81.4	15.2
Cameron	183	176	63.1	6.8	70.4	32.4	20.0	4.5	50.0	10.8	84.7	24.4
Clinton	1,148	1,054	79.4	4.0	80.4	30.0	50.0	5.2	76.4	2.7	92.1	10.5
Elk	1,017	768	76.4	4.0	89.1	34.1	33.1	2.1	66.1	2.3	92.0	13.0
Lycoming	3,230	2,925	84.4	3.3	87.6	34.1	44.1	5.8	75.3	4.8	93.1	9.4
McKean	1,683	1,366	72.8	.9	82.4	26.7	40.0	1.0	52.3	7.5	82.3	9.5
Potter	1,815	1,968	77.3	2.4	81.0	39.0	36.0	1.4	55.8	10.8	82.5	9.6
Sullivan	821	846	80.7	2.3	86.2	31.4	47.8	7.3	71.2	16.9	88.4	16.4
Tioga	3,696	3,608	83.9	1.2	85.3	45.5	31.8	1.5	51.8	4.7	86.8	8.3
NORTH CENTRAL	18,697	17,792	79.2	2.5	83.5	40.7	36.3	2.8	59.6	7.1	86.1	11.6
Lackawanna	1,717	1,470	70.8	3.4	74.1	18.5	36.5	.6	38.7	2.1	83.4	7.7
Susquehanna	3,451	3,873	74.9	2.2	76.7	46.3	29.6	.8	47.1	6.6	80.9	10.1
Wayne	3,155	2,895	77.4	1.7	87.4	43.3	27.9	.6	53.1	4.0	91.2	6.6
Wyoming	1,639	1,474	78.8	4.2	85.3	37.5	32.2	2.1	52.3	5.2	91.4	13.8
NORTHEASTERN	9,962	9,712	75.5	2.5	80.8	39.9	30.5	.9	48.4	4.9	86.1	9.2
Armstrong	3,569	3,501	68.6	3.6	79.0	15.4	29.0	5.6	59.4	6.0	73.7	22.2
Beaver	2,415	2,140	78.3	2.9	79.0	27.8	34.9	1.0	57.6	8.8	85.8	12.5
Butler	4,177	4,489	72.0	2.3	73.6	23.5	26.4	4.7	60.3	7.4	85.7	14.8
Clarion	2,978	2,992	70.5	3.2	76.7	25.9	47.5	8.8	71.1	4.7	87.0	15.8
Indiana	4,062	3,529	80.3	8.8	86.2	31.9	39.1	4.1	74.8	9.6	90.9	19.2
Jefferson	3,161	2,795	74.3	4.3	79.7	14.8	51.3	3.4	75.6	3.8	90.9	16.0
Lawrence	2,604	2,150	85.3	3.6	87.3	46.6	28.1	3.4	71.6	11.3	93.8	14.8
WEST CENTRAL	22,966	21,596	74.8	4.2	79.6	25.5	40.0	4.7	66.9	7.2	86.3	16.8
Blair	1,824	1,487	82.0	11.1	75.1	37.7	48.3	4.6	74.4	11.5	87.1	13.2
Cambria	2,392	2,489	74.5	5.3	77.5	32.2	44.7	5.1	68.0	5.8	93.2	24.2
Centre	2,105	2,263	82.3	7.9	80.5	45.7	49.4	15.3	77.7	11.0	92.1	9.5
Clearfield	3,600	3,091	68.2	5.6	76.4	19.6	39.1	6.1	70.0	3.8	85.4	16.0
Columbia	2,648	2,482	79.3	7.7	82.7	34.6	42.6	4.4	80.1	1.8	85.2	12.5
Dauphin	2,607	2,456	80.8	31.8	78.3	44.0	45.9	11.8	80.0	3.8	95.0	11.6
Huntingdon	2,014	1,930	78.5	22.1	84.9	31.6	51.5	12.2	77.4	13.4	93.2	11.9

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Juniata	1,509	1,507	76.1	29.7	85.4	36.7	41.9	9.0	79.3	7.5	96.4	10.8
Mifflin	1,076	1,070	85.7	32.3	93.6	47.2	54.0	15.5	88.0	21.1	98.7	12.6
Montour	767	826	85.4	4.7	86.1	46.2	42.1	11.5	81.9	2.2	93.3	9.8
Northumberland	2,527	2,355	78.8	15.9	83.0	36.1	42.3	4.6	82.9	3.4	95.4	9.4
Perry	2,030	2,018	76.2	36.7	83.6	36.4	46.4	12.8	83.5	6.3	94.2	11.2
Snyder	1,713	1,827	74.7	16.0	83.3	37.2	40.8	13.4	87.8	5.0	95.3	12.3
Union	1,370	1,325	86.5	9.1	78.6	47.9	40.0	4.7	86.0	6.9	95.9	4.0
CENTRAL	28,182	27,126	78.1	16.2	81.3	36.5	44.6	9.0	78.7	6.9	92.4	13.1
Carbon	934	921	72.7	2.7	71.1	33.0	9.9	4.5	63.0	.4	89.5	9.4
Lehigh	2,638	2,691	80.5	5.0	73.4	27.4	32.0	4.9	78.2	1.0	94.6	7.2
Luzerne	2,842	2,716	70.6	7.9	77.5	18.7	30.7	2.2	61.5	3.0	91.8	9.5
Monroe	1,498	1,569	66.8	3.1	73.7	17.5	32.1	2.7	70.0	3.3	85.1	11.5
Northampton	3,146	3,311	76.6	2.6	74.3	27.9	17.5	4.9	69.5	3.1	93.5	8.0
Pike	713	605	66.3	6.1	80.0	34.0	35.4	1.8	58.2	3.6	88.6	7.3
Schuylkill	2,701	2,533	78.5	15.8	81.4	24.2	43.3	8.8	68.9	2.3	91.2	7.5
EAST CENTRAL	14,472	14,346	74.8	6.6	76.0	24.9	29.1	4.7	68.6	2.4	91.6	8.5
Allegheny	4,236	3,522	62.2	3.2	58.0	17.3	17.9	.8	36.4	3.9	76.4	8.5
Fayette	3,557	3,137	74.8	2.8	83.1	22.3	57.0	3.9	66.3	5.8	90.4	11.8
Greene	2,915	2,671	80.6	2.8	79.6	21.4	63.2	8.7	76.0	52.3	93.3	20.3
Somerset	3,896	3,495	83.9	3.1	83.6	29.3	63.0	11.0	81.9	9.6	95.9	17.9
Washington	4,441	4,260	80.7	3.6	82.5	31.6	41.9	4.2	62.5	31.2	86.7	12.8
Westmoreland	5,258	4,126	79.4	5.4	75.7	24.6	47.5	3.3	67.6	7.1	97.1	14.2
SOUTHWESTERN	24,303	21,211	77.0	.4	77.0	25.0	44.4	5.1	65.1	17.3	89.5	14.0
Adams	3,557	3,169	70.0	35.7	77.2	37.3	33.4	12.2	73.9	4.8	88.3	13.7
Bedford	3,570	3,394	66.4	9.5	71.3	31.1	54.5	13.5	76.5	14.4	85.6	25.5
Cumberland	3,022	2,748	87.0	37.8	87.0	50.0	38.3	7.4	84.4	21.9	97.6	9.6
Franklin	3,877	3,559	87.8	16.2	88.7	46.3	36.7	10.8	87.2	17.8	97.1	11.8
Fulton	1,284	1,315	79.1	12.2	78.4	29.7	43.3	7.0	85.4	12.6	92.5	20.0
York	7,903	7,554	79.7	45.4	80.4	40.3	25.9	12.6	93.9	3.5	97.0	9.6
SOUTH CENTRAL	23,213	21,739	78.4	30.6	80.5	39.7	35.8	11.4	85.4	11.1	93.7	13.6
Berks	5,965	5,918	73.9	22.8	69.1	35.7	20.7	8.0	80.8	2.7	91.8	7.3
Bucks	5,808	5,795	76.7	4.7	70.7	23.4	20.2	23.5	46.3	2.4	86.2	6.6
Chester	5,249	5,145	76.6	16.5	76.8	43.7	21.1	3.4	71.9	3.5	91.6	7.3
Delaware	910	996	70.9	4.2	62.4	24.9	11.6	.6	23.6	3.0	80.0	7.8
Lancaster	11,457	8,013	88.1	39.3	85.5	45.6	31.3	31.3	77.5	5.9	98.8	9.1
Lebanon	2,429	2,147	81.8	35.9	79.3	39.2	21.9	12.2	77.5	4.1	95.5	6.9
Montgomery	4,250	4,469	75.0	3.4	64.3	19.4	11.7	4.0	42.6	1.8	88.7	6.2
Philadelphia	381	381										
SOUTHEASTERN	36,449	32,864	78.2	20.0	73.8	34.5	22.3	15.0	64.6	3.5	91.2	7.4
PENNSYLVANIA	200,443	186,816	77.7	11.4	79.2	33.2	35.5	7.4	68.1	7.8	89.8	11.7

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[1] A pamphlet has been published by the Bureau of the Census, U. S. Department of Commerce, showing the number of Pennsylvania's farms reporting specified crops and classes of livestock at the 1925 Federal Census.

[2] Steers fattened winter of 1923-'24.

TABLE 157—Aggregate Livestock Value[1] Comparisons, United States by States, January 1, 1926-1927

State	Cattle, hogs, and sheep			Horses and mules			Total (cattle, hogs, sheep, horses, and mules)			Rank in aggregate value	
	Average, 1921-1925	1926	1927	Average, 1921-1925	1926	1927	Average, 1921-1925	1926	1927	1926	1927
	Mill. dolls.	Mill. dolls.	Mill. dolls.	Mill. dolls.	Mill. dolls.	Mill. dolls.	Mill. dolls.	Mill. dolls.	Mill. dolls.	Order	Order
U. S.	3,256	3,501	3,676	1,803	1,504	1,401	5,059	5,005	5,077		
Me	13	14	14	11	10	10	24	24	24	42	41
N. H.	8	7	8	4	3	3	12	10	11	46	46
Vt.	21	24	27	8	7	6	29	31	33	39	38
Mass.	15	15	16	6	5	4	21	20	20	44	44
R. I.	2	2	2	1	1	1	3	3	3	48	48
Conn.	12	12	13	5	4	4	17	16	17	45	45
N. Y.	120	135	145	57	47	45	177	182	190	10	9
N. J.	14	14	16	9	6	7	23	20	23	43	42
PA	93	96	101	56	46	43	149	142	144	14	14
Ohio	129	141	149	72	58	57	201	199	206	8	8
Indiana	107	116	121	55	52	51	162	168	172	11	11
Illinois	171	197	193	97	86	82	268	283	275	3	3
Mich.	87	98	106	49	42	40	136	140	146	15	13
Wis.	161	193	210	63	56	56	224	249	265	6	4
Minn.	150	190	193	70	67	64	220	257	257	5	5
Iowa	305	362	368	107	93	91	412	455	459	1	1
Mo.	140	145	156	75	58	54	215	203	210	7	7
N. Dak.	48	57	54	46	40	36	94	97	90	16	19
S. Dak.	103	111	108	41	35	32	144	146	140	13	15
Nebr.	171	207	201	63	60	54	234	267	255	4	6
Kans.	128	139	139	69	60	49	197	199	189	9	10
Del.	3	3	4	3	3	2	6	6	6	47	47
Md.	19	19	20	14	12	11	33	31	31	40	39
Va.	41	35	37	34	25	24	75	60	61	28	28
W. Va.	30	26	27	15	12	11	45	38	38	37	36
N. C.	34	28	30	52	43	39	86	71	69	22	24
S. C.	20	13	14	35	27	21	55	40	35	36	37
Ga.	36	27	30	49	42	36	85	69	66	24	26
Fla.	22	16	14	10	8	7	32	24	21	41	43
Ky.	47	48	55	45	34	31	92	82	86	20	20
Tenn.	41	36	43	53	38	36	94	74	79	21	21
Ala.	28	22	25	39	35	32	67	57	57	30	30
Miss.	29	22	26	43	37	34	72	59	60	29	29
Ark.	25	23	26	38	29	27	63	52	53	32	32
La.	23	18	18	31	23	20	54	41	38	35	35
Okla.	55	53	68	55	43	38	110	96	106	18	16
Tex.	204	176	228	143	120	112	347	296	340	2	2
Mont.	65	78	74	26	17	18	91	95	92	19	18
Idaho	43	50	50	16	12	12	59	62	62	26	27
Wyo.	51	62	63	7	6	6	58	68	69	25	23
Colo.	70	78	75	23	19	17	93	97	92	17	17
N. Mex.	56	53	60	10	8	7	66	61	67	27	25
Ariz.	45	41	37	9	6	6	54	47	43	34	34
Utah	37	48	49	9	7	6	46	55	55	31	31
Nev.	24	28	28	3	3	3	27	31	31	38	40
Wash.	34	34	37	21	16	15	55	50	52	33	33
Oreg.	49	55	56	20	15	14	69	70	70	23	22
Calif.	127	134	142	36	28	27	163	162	169	12	12

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[1] Farm values January 1, in millions of dollars, i. e., 000,000 omitted.

BREEDS OF CATTLE, SHEEP AND SWINE

In 1920, livestock reporters were asked to report on the inquiry, "Letting 100 represent the total number in your locality, what proportion of the total cattle (or sheep, or swine) belong to the breeds named? Grades and scrubs should be included in the breed in which the type predominates." The estimates obtained for Pennsylvania were as follows:

Cattle: Holstein 43.8, Jersey 15.3, Shorthorn 11.5, Guernsey 10.5, Hereford 2.7, Ayrshire 1.4, Aberdeen Angus 0.8, Brown Swiss 0.6, Dutch Belted 0.5, Devon 0.3, Red Polled 0.3, Polled Durham 0.2, Galloway 0.1, all other breeds 2.8 and nondescripts 9.2.

Sheep: Merino 27.5, Shropshire 22.6, Southdown 17.8, Hampshire 4.6, Cotswold 3.3, Oxford Down 2.4, Dorset Horn 2.0, Lincoln 1.0, Leicester 0.9, Rambouillet 0.3, Cheviot 0.2, all other breeds 2.4 and nondescripts 15.0.

Swine: Berkshire 31.1, Chester White 28.1, Poland China 15.2, Duroc Jersey 10.7, Yorkshire 1.3, Hampshire 1.2, Cheshire 1.1, Tamworth 0.3, all other breeds 2.9 and nondescripts 8.1.

BREED TYPE OF SHEEP

In January, 1918, an inquiry on breed type of sheep in Pennsylvania indicated that 25 per cent were of the fine-wool type, 45 per cent of the long-wool, or mutton, type and 30 per cent cross-breds.

In the opinion of crop reporters the respective percentages five years previous, in 1913, were 46, 33 and 21 and ten years previous, in 1908, 44, 31 and 25. There had been a decided drift toward the mutton type, 65 per cent of the rams in 1918 being reported as belonging to the mutton breeds.

TABLE 158—Farm Values of Livestock per Head, Pennsylvania, January 1, 1867-1928

Year	Horses	Mules	Milk cows	Other cattle	Sheep	Swine
	Dol.	Dol.	Dol.	Dol.	Dol.	Dol.
1867 -----	68.84	82.67	35.19	24.56	3.03	6.29
1868 -----	69.60	78.56	32.45	23.39	2.19	5.71
1869 -----	78.81	100.35	34.74	26.98	1.93	7.81
1870 -----	86.08	107.53	38.61	29.88	2.36	10.40
1871 -----	96.59	119.70	42.16	37.41	2.85	9.68
1872 -----	89.07	119.35	35.89	28.42	3.13	6.11
1873 -----	91.32	114.37	31.64	26.85	3.28	7.24
1874 -----	90.39	115.53	30.23	24.08	2.91	6.02
1875 -----	83.94	105.54	31.71	25.34	3.24	8.77
1876 -----	74.36	84.42	30.45	25.49	3.14	10.10
1877 -----	70.12	83.93	31.97	24.11	2.94	8.79
1878 -----	70.98	84.65	32.61	25.12	3.01	7.83
1879 -----	66.22	79.74	20.24	23.56	2.99	5.78
1880 -----	67.22	86.07	26.66	21.69	3.01	6.88
1881 -----	72.70	84.48	26.24	23.45	3.27	7.03
1882 -----	73.24	85.72	30.75	28.70	3.30	11.28
1883 -----	90.47	106.07	35.89	29.76	3.64	9.24
1884 -----	96.31	110.74	36.66	31.75	3.19	9.27
1885 -----	97.14	111.35	34.05	30.55	3.10	8.49
1886 -----	94.10	109.99	30.10	27.36	2.68	7.47
1887 -----	94.87	110.51	29.00	26.14	2.81	7.24
1888 -----	93.71	109.35	28.60	26.09	2.80	8.03
1889 -----	95.06	110.05	27.56	24.54	3.08	8.08
1890 -----	93.87	104.18	28.06	23.67	3.36	7.22
1891 -----	91.04	104.69	26.67	22.71	3.71	7.20
1892 -----	83.41	101.95	25.25	22.17	3.83	7.60
1893 -----	78.48	93.75	25.75	22.05	3.69	8.89
1894 -----	63.77	81.86	25.55	21.64	3.07	8.78
1895 -----	49.02	62.69	24.56	20.57	1.95	7.23
1896 -----	47.13	60.72	24.22	20.70	2.16	6.26
1897 -----	44.27	58.81	25.93	21.62	2.77	6.67
1898 ----	49.25	63.32	29.60	23.64	3.41	6.78
1899 ----	53.56	66.99	31.50	25.59	3.75	7.61
1900 ----	59.39	76.16	33.15	27.34	3.60	7.22
1901 ----	72.95	79.58	32.93	17.94	3.78	7.73
1902 ----	81.63	91.37	32.62	17.20	3.32	8.52
1903 ----	81.38	91.43	31.54	16.56	3.40	10.13
1904 ----	89.64	93.36	34.08	21.83	3.53	9.03
1905 ----	92.56	99.87	29.91	15.95	3.81	8.28
1906 ----	102.57	106.33	34.30	17.40	4.63	8.45
1907 ----	109.00	123.00	36.00	18.00	4.86	9.40
1908 ----	114.00	124.00	36.00	18.00	4.62	7.80
1909 ----	116.00	128.00	37.00	18.50	4.50	8.50
1910 ----	132.00	145.00	39.00	19.20	4.80	9.50
1911 ----	137.00	148.00	44.50	21.40	4.84	11.50
1912 ----	130.00	147.00	43.70	21.70	4.30	10.00
1913 ----	133.00	149.00	46.60	23.60	5.00	12.50
1914 ----	139.00	148.00	58.40	28.30	4.90	13.80
1915 ----	134.00	142.00	59.50	29.30	5.30	13.50
1916 ----	124.00	137.00	56.50	27.10	5.60	10.40
1917 ----	126.00	137.00	62.50	30.80	7.10	13.90
1918 ----	126.00	138.00	75.00	36.80	11.70	22.30
1919 ----	124.00	129.00	85.00	40.70	11.70	26.00
1920 ----	126.00	141.00	98.00	48.00	11.50	23.70
1921 ----	122.00	141.00	77.00	37.30	7.50	17.50
1922 ----	112.00	126.00	60.00	29.50	5.70	14.50
1923 ----	111.00	126.00	60.00	29.30	7.10	16.00
1924 ----	100.00	113.00	62.00	30.00	7.70	14.50
1925 ----	96.00	105.00	61.00	31.10	8.80	16.00
1926 ----	103.00	113.00	74.00	34.10	9.70	19.00
1927 ----	99.00	110.00	80.00	35.60	9.40	19.00
1928 ----	112.00	121.00	103.00	44.10	9.50	16.00

TABLE 159—Estimated Value of Principal Crops and Certain Livestock Products, Pennsylvania, 1925 and 1926, and Livestock,[1] January 1, 1926 and 1927

County and district	PRINCIPAL CROPS				LIVESTOCK[1]				MILK, EGGS, WOOL AND HONEY			
	Total value		Value per farm		Total value		Value per farm		Total value		Value per farm	
	1925	1926	1925	1926	January 1 1926	January 1 1927	Jan. 1. 1926	Jan. 1. 1927	1925	1926	1925	1926
Crawford	$5,081,440	$5,053,240	$772	$768	$4,160,250	$4,034,930	$632	$613	$5,136,340	$5,073,300	$782	$771
Erie	5,069,450	5,235,910	891	920	3,969,220	3,803,960	698	669	4,650,900	4,186,320	816	736
Forest	320,100	283,870	711	632	156,150	155,970	347	348	109,370	111,150	243	247
Mercer	4,234,190	4,058,230	929	892	3,276,320	3,282,070	719	720	2,717,780	2,848,560	598	625
Venango	1,835.960	1,714,180	775	722	993,760	1,136,430	420	480	1,102,110	1,111,220	464	468
Warren	1,880,360	1,737,100	739	684	1,473,490	1,532,220	579	602	1,501,360	1,378,240	590	543
NORTHWESTERN	18,421,500	18,082,530	831	816	14,029,190	13,945,580	633	628	15,217,950	14,708,790	687	664
Bradford	6,037,560	5,319,770	1,183	1,042	4,746,830	4,860,240	930	940	6,797,470	6,324,720	1,332	1,239
Cameron	129.560	106,630	708	583	89,830	91,840	491	502	61,320	59,390	335	325
Clinton	1,587,130	1,255,250	1,383	1,093	784,320	757,280	683	660	562,550	640,720	490	558
Elk	942.880	883,770	927	869	485,170	478,810	477	471	394,860	397,350	388	391
Lycoming	4,509,030	3,793,980	1,396	1,175	2,605,050	2,447,430	807	758	2,171,800	2,231,920	672	691
McKean	1,109.370	1,020,060	659	606	945,310	869,680	562	517	766,220	803.330	455	477
Potter	1,983,260	1,691,830	1,092	932	1,259,780	1,354,420	694	746	1,293.900	1,458,590	713	804
Sullivan	744,470	726,610	907	885	597,730	567,590	728	691	464,550	521,750	566	636
Tioga	3,685,510	3,544,010	997	959	3,317,580	3,330,520	898	901	3,265,860	3,258,580	884	882
NORTH CENTRAL	20,728,770	18,341.915	1,109	981	14,831,600	14,697,810	793	786	15,778,530	15,696,350	844	840
Lackawanna	1,834,960	2,081,200	1,098	1,212	1,367.520	1,287,580	796	750	1,522,630	1,388,690	887	809
Susquehanna	3,253,360	3,954,060	943	1,146	3,723,890	4,064,420	1,079	1,178	4,150,540	4,563,220	1,203	1,322
Wayne	2,977.060	2,731,230	944	866	2,584,400	2,777,630	819	880	3,534,980	3,375,920	1,120	1,070
Wyoming	1,559,820	1,727,350	952	1,054	1,209,700	1,315,150	728	802	1,416,310	1,244,380	864	759
NORTHEASTERN	9,675,200	10,493,840	971	1,053	8,885,510	9,444,780	892	948	10,624,460	10,572,210	1,067	1,061
Armstrong	3,203,020	2,819,080	897	790	1,619,210	1,785,030	454	500	1,505,920	1,434,340	422	402
Beaver	2.349,040	2,159,480	973	894	1,346,750	1,478,400	558	612	1,645,620	1,415,400	681	586
Butler	4,161,630	4,020,870	996	963	2,382,970	2,348,560	571	562	2,625,850	2,496,520	629	598
Marion	2,576,430	2,453,680	865	824	1,813,120	1,898,790	609	638	1,347,630	1,445,010	453	485
Indiana	4,288,970	3,678,840	1,056	906	1,920,630	1,856,840	473	457	1,694,240	1,748,110	417	430
Jefferson	2,974,510	2,603,280	941	824	1,337,620	1,287,310	423	407	1,401,680	1,328,330	443	420
Lawrence	2,327,730	2,548,420	894	979	1,799,680	1,651,450	691	634	1,721,970	1,912,600	661	734
WEST CENTRAL	21,881,330	20,283,650	953	883	12,219,980	12,306,380	532	536	11,942,910	11,780,310	520	513
Blair	2,327,850	2,015,460	1,276	1,105	1,210,160	1,229,420	663	674	1,505,310	1,513,630	825	830
Cambria	3,312,870	3,056,060	1,385	1,278	1,499,900	1,569,620	627	656	1,355,880	1,427,950	567	597
Centre	3,254,280	3,075,780	1,546	1,461	2.189,900	2,324,680	1,040	1,104	1,668,080	1,705,970	792	810
Clearfield	3,031,030	3,100,140	842	861	1,285,030	1,295,270	357	360	1,316,570	1,284,980	366	357
Columbia	3,592,690	3,526,100	1,357	1,332	1,439,060	1,647,820	543	622	1,516.090	1,333,060	573	503

Dauphin	4,609,520	3,414,760	1,768	1,310	2,353,730	2,532,840	903	972	1,834,680	1,907,140	604	732
Huntingdon	2,509,000	1,808,720	1,246	898	1,391,500	1,424,770	691	707	1,177,400	1,076,980	585	535
Juniata	2,087,670	1,647,430	1,383	1,092	1,099,370	1,149,270	729	762	986,060	977,540	653	648
Mifflin	1,925,630	1,510,030	1,790	1,403	1,044,060	1,154,130	970	1,073	1,254,310	1,104,770	1,166	1,027
Montour	1,364,930	1,104,200	1,780	1,440	720,600	720,280	940	939	698,180	570,210	910	743
Northumberland	3,797,080	2,822,020	1,503	1,117	1,519,180	1,709,430	601	676	1,528,350	1,500,510	605	594
Perry	2,780,410	2,139,270	1,370	1,054	1,389,080	1,470,570	684	724	1,174,150	1,122,240	578	553
Snyder	2,584,780	2,435,610	1,509	1,422	1,157,090	1,082,900	675	632	1,162,360	1,216,640	679	710
Union	2,662,530	1,877,700	1,506	1,371	1,121,950	1,206,250	819	880	1,217,460	1,314,430	889	959
CENTRAL	39,240,270	33,533,280	1,392	1,190	19,420,610	20,516,350	689	728	18,394,830	18,056,050	653	641
Carbon	1,553,570	1,189,310	1,663	1,273	514,740	495,740	551	531	515,050	501,790	551	537
Lehigh	7,514,830	5,151,440	2,849	1,953	2,009,300	1,864,920	762	707	1,494,650	1,568,210	567	594
Luzerne	4,294,600	3,686,200	1,511	1,297	1,306,910	1,347,670	460	474	1,659,030	1,519,730	584	535
Monroe	1,574,340	1,386,950	1,051	926	647,380	683,560	432	456	818,270	785,270	546	524
Northampton	5,037,320	3,982,800	1,601	1,266	1,950,500	2,095,400	620	666	2,239,400	2,268,360	712	721
Pike	382,760	292,980	537	411	261,400	255,190	367	358	413,310	429,720	580	603
Schuylkill	5,511,920	4,484,660	2,041	1,660	1,649,800	1,620,550	611	600	1,628,690	1,684,720	603	624
EAST CENTRAL	25,869,340	20,174,340	1,788	1,394	8,340,080	8,363,030	576	578	8,768,400	8,758,150	606	605
Allegheny	3,176,410	2,698,940	750	637	2,427,140	2,227,740	573	526	3,117,940	2,998,140	736	708
Fayette	2,940.360	2,532,000	827	712	1,864,090	1,718,170	524	483	1,657,760	1,512,110	460	425
Greene	2,449,180	2,119,750	840	727	2,350,180	2,380,900	806	817	1,510,910	1,387,180	518	476
Somerset	5,313,980	4,748,110	1,364	1,219	2,423,040	2,371,160	622	609	2,798,470	2,827,200	718	726
Washington	5,103,610	4,403,500	1,149	992	3,755,460	3,725,290	846	839	3,839,710	3,550,350	865	799
Westmoreland	6,060,140	5,657,630	1,153	1,076	3,771,050	3,542,400	717	674	3,757,870	3,371,980	715	641
SOUTHWESTERN	25,043,680	22,159,930	1,030	912	16,590,990	15,965,660	683	657	16,682,660	15,646,960	686	644
Adams	6,074,250	5,414,630	1,708	1,522	2,322,440	2,406,760	653	677	2,110,820	2,055,890	593	578
Bedford	3,827,320	3,183,800	1,072	892	2,122,090	2,144,560	594	601	2,165,270	2,016,160	607	565
Cumberland	6,008,640	5,448,720	1,988	1,803	2,920,630	2,893,010	966	957	2,774,430	2,688,240	918	890
Franklin	6,880,740	6,535,680	1,775	1,686	3,309,790	3,569,100	854	921	2,695,860	2,474,580	695	638
Fulton	1,335,140	1,213,340	1,040	945	780,330	792,730	608	617	576,340	622,950	449	485
York	13,123,470	11,180,650	1,661	1,415	5,871,400	6,069,750	743	768	6,635,180	6,260,260	840	793
SOUTH CENTRAL	37,249,560	32,976,820	1,605	1,421	17,326.680	17,875,910	746	770	16,960,930	16,127,080	731	695
Berks	10,447,040	9,103,600	1,751	1,526	5,049,250	5,264,290	845	883	4,640,630	4,506,220	778	755
Bucks	7,397,110	6,202,190	1,274	1,068	3,626,670	3,976,570	624	685	5,397,170	5,637,500	929	971
Chester	8,765,350	8,120,340	1,670	1,547	5,811,520	5,551,740	1,107	1,058	7,114,750	7,354,530	1,355	1,401
Delaware	1,126.930	1,170,900	1,238	1,287	820,330	901,940	901	991	1,164,730	1,146,280	1,280	1,260
Lancaster	20,610,900	16,430,460	1,799	1,434	9,255,750	9,310,670	808	813	8,329,890	8,219,880	727	717
Lebanon	4,490,320	3,935,580	1,849	1,620	2,179,420	2,278.900	897	938	2,109,600	2,241,110	869	923
Montgomery	4,742,230	4,332,430	1,116	1,019	3,103,740	3,034,800	730	714	4,224,950	4,261,920	994	1,003
Philadelphia	379,470	367,200	996	964	165,680	170,590	435	448	226,500	240,450	595	631
SOUTHEASTERN	57,959,350	49,662,700	1,590	1,363	30,003.360	30,489,500	823	837	33,208,310	33,607,890	911	922
PENNSYLVANIA	$256,069,000	$225,709,000	$1,278	$1,126	$141,648,000	$143.605,000	$767	$716	$147,559,000	$144,953,790	$736	$723

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[1] Horses, mules, cattle, swine and sheep, including their young.

PUREBRED LIVESTOCK

At the 1920 census, purebred animals on Pennsylvania farms constituted only 0.7 per cent of the horses, 8.3 per cent of the cattle, 3.1 per cent of the sheep and 2.9 per cent of the swine. The census asked for the number of registered animals only but it seems evident from a study of the returns that some animals were included which were merely eligible for entry but not actually registered. Information on purebreds was not included in the 1925 census report.

Horses: Of the 3,632 purebred horses reported, 58 per cent were Percherons, 9.1 per cent Belgians, 4.2 per cent Thoroughbreds and 3.4 per cent Standard Breds, or a total of 74.7 per cent for the four breeds.

Cattle: Of the 81,290 cattle, 59.9 per cent were Holsteins, 13.6 per cent Jerseys, 11.8 per cent, Guernseys, 4.5 per cent Shorthorns and 3.8 per cent Ayrshires, or a total of 93.6 per cent for the five breeds. The dairy breeds constituted 92.5 per cent of the purebred cattle.

Sheep: Of the 15,781 sheep, 24.8 per cent were Hampshires, 22.2 per cent Dorset Horns, 17.4 per cent Merinos, 13.3 per cent Shropshires and 4.8 per cent Southdowns, or 82.5 per cent for the five breeds.

Swine: Of the 34,775 swine, 40.4 per cent were Berkshires, 21.5 per cent Chester Whites, 15.2 per cent Duroc Jerseys, 13.4 per cent Poland Chinas and 4.3 per cent Hampshires, or a total of 94.8 per cent for the five breeds.

TABLE 160—Farm Values of Livestock per Head, by Ages and Groups, Pennsylvania, January 1, 1894-1928

Year	Horses			Mules			Cattle[1]			Sheep			
	Under 1 year old	1 and under 2 years	2 years and over	Under 1 year old	1 and under 2 years	2 years and over	Under 1 year old	1 and under 2 years	2 years and over	Under 1 year old	Ewes 1 year and over	Wethers 1 year and over	Rams
	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.	Dolls.
1894	24.85	40.17	75.92	31.40	43.92	89.44	8.59	16.86	27.10	2.66		3.27	
1895	20.39	31.06	58.08	26.86	40.93	67.53	7.98	13.70	26.54	1.71		2.07	
1896	19.50	30.71	55.69	25.94	37.88	65.60	8.29	14.50	26.40	1.98		2.24	
1897	20.32	30.00	51.70	23.56	35.32	63.78	8.89	14.96	27.56	2.42		2.93	
1898	22.00	33.05	57.70	25.05	37.15	68.79	9.50	16.40	30.19	2.90		3.65	
1899	23.20	35.35	63.00	26.80	39.20	72.77	10.75	17.90	32.50	3.00		4.10	
1900	26.40	39.70	69.64	30.05	43.15	82.91	11.00	18.75	34.97	2.95		3.90	
1901	26.22	40.47	77.77	31.66	50.43	84.19	11.81	17.86	31.87	2.92		4.19	
1902	30.68	44.45	87.00	34.81	51.20	97.41	10.78	17.40	31.28	2.75		3.50	
1903	33.48	53.73	85.93	37.69	61.55	96.32	10.72	17.98	27.21	2.88	3.60	4.09	
1904	35.85	54.58	95.03	38.25	60.00	98.65	13.75	26.00	32.72	3.00	3.67	4.51	
1905	37.79	61.96	97.70	39.37	66.83	105.31	10.83	16.97	25.67	3.02	4.18	4.65	
1906	45.00	70.00	108.00	43.00	72.00	112.00	11.00	19.00	29.00	4.00	5.00	5.00	
1907	43.00	74.00	115.00	48.00	79.00	130.00	11.00	20.00	29.00	4.10	5.20	5.70	
1908	47.00	75.00	120.00	53.00	87.00	130.00	12.00	18.50	28.50	4.00	4.90	5.30	
1909	45.00	75.00	123.00	52.00	84.00	135.00	12.00	20.00	30.00	3.90	4.75	5.25	
1910	50.00	80.00	140.00	55.00	86.00	154.00	12.70	20.30	32.00	4.00	5.10	5.60	
1911	52.00	89.00	145.00	59.00	95.00	156.00	14.00	23.00	35.50	4.00	5.10	5.50	
1912	53.00	86.00	137.00	62.00	97.00	155.00	14.50	23.50	35.00	3.70	4.30	4.60	6.10
1913	55.00	91.00	141.00	64.00	97.00	157.00	15.00	26.00	39.00	4.30	5.10	5.10	7.00
1914	58.00	96.00	147.00	64.00	102.00	155.00	18.00	31.00	47.00	4.20	5.00	5.20	7.00
1015	57.00	94.00	142.00	60.00	96.00	149.00	19.00	32.00	48.00	4.70	5.30	5.50	7.30
1916	54.00	85.00	132.00	59.00	90.00	144.00	17.30	29.50	45.00	4.80	5.80	5.80	7.50
1917	55.00	88.00	134.00	59.00	93.00	144.00	19.50	33.50	51.50	6.20	7.20	7.50	10.50
1918	54.00	88.00	134.00	62.00	94.00	145.00	23.50	40.00	61.00	9.50	12.30	11.80	14.50
1919	53.00	84.00	132.00	60.00	90.00	135.00	26.00	44.00	68.00	10.00	12.00	12.00	16.50
1920	54.00	85.00	130.00	61.00	95.00	148.00	29.00	50.00	77.00	9.50	12.00	11.50	16.50
1921	51.00	81.00	125.00	58.00	90.00	148.00	23.00	38.00	59.00	6.80	7.60	7.60	11.70
1922	48.00	76.00	115.00	54.00	82.00	130.00	17.00	30.00	46.00	5.50	5.70	5.60	9.00
1923	45.00	72.00	113.00	54.00	85.00	130.00	17.80	29.80	45.00	6.30	7.20	7.30	10.50
1924	43.00	65.00	102.00	47.00	74.00	115.00	19.00	32.00	47.00	7.20	7.80	7.50	12.00
1925	42.00	63.00	97.00	47.00	69.00	107.00	20.00	32.00	47.00	8.00	9.00	8.60	13.00
1926	45.00	69.00	104.00	51.00	80.00	115.00	22.00	35.00	53.00	8.70	10.00	9.00	14.00
1927	45.00	69.00	100.00	48.00	95.00	120.00	22.50	39.00	57.00	8.20	10.00	8.00	13.00
1928	50.00	77.00	113.00	50.00	80.00	123.00	27.00	47.00	103.00	8.50	10.00	8.20	15.00

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[1] Other than milk cows, i. e., other than cows and heifers 2 years old and over.

PRICES RECEIVED BY PRODUCERS FOR PENNSYLVANIA FARM PRODUCTS

Beginning with prices of the major crops on December 1, 1866[1] and values of livestock on January 1, 1867,[2] the United States Department of Agriculture has regularly collected price data on farm crops and livestock in the several states. On January 1, 1894 the values of livestock by age groups[3] were added to these price series and since January, 1908, monthly prices received by producers for the more important farm products.[4]

Prior to January, 1924, prices of grain crops, potatoes, sweet potatoes, loose hay, chickens, eggs and butter were obtained on the first of the month. These prices have now been converted to the 15th of the month by averaging the prices reported on the 1st of two successive months.

These price data have been compiled for each state by the Division of Crop and Livestock Estimates of the Department and those for Pennsylvania are here presented as basic data for more specialized studies. All the available monthly prices are included and all relate to the 15th of the month.[5]

Reliability of the Data[6]

The general confidence in these farm price statistics has sound foundation in practical use and in theory, particularly with respect to studies of price movements over a period of years. Every effort has been made to obtain and report prices which are reliable but it is to be expected that prices for major products will be more reliable than for products less generally offered for sale.

Absolute accuracy of a reported price would mean that such a price is identical with that computed from reports of the total quantity sold and the total receipts from sales. It is manifestly impossible to obtain such reports but essentially accurate prices can be obtained by averaging large numbers of reports.

The prices reported are those at which the products first changed hands when sold by the producer, usually the price the farmer receives in his local market. For most of the products there is no strictly "at the farm" price; the prices called such usually include the variable item of cost to the farmer of transporting the product to the place where it changes hands. The prices are for no specific grade or quality, which accounts for much of the variability in the average.

Of the major crops hay regularly shows a wide range in the prices reported. The variations in the prices of apples, attributable to kind and quality and method of selling, make the sale average prices much less reliable than the State averages of wheat, hogs, etc. Of the classes of livestock the prices of horses and milk cows show the widest variation, most noticeable in comparisons of the reported average prices for December 15 and for January 15 and the average values on January 1.

The prices of the more important farm products are based upon a sufficient number of reports to render them reasonably stable. Because of the large number of reporters that would be necessary it is not feasible to strive for the same high degree of reliability in prices of minor products or for those having little sale in the State.

Constructive Assistance Sought

Though the prices here presented have been revised after comparing with all other available data, they are subject to defects of representativeness, to fluctuations in the sample and possibly to some error in computation. In the series there are possibly some prices which are inconsistent. Any information which could be used in revising them or any historic farm records or accounts which would serve to enlarge the series would be welcomed by the Crop Reporting Service.

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[1] Table 161. [2] Table 158. [3] Table 160. [4] Table 162.

[5] Current data continuing most of these price series are published monthly in "Crops and Markets", a statistical periodical issued by the U. S. Department of Agriculture.

[6] See also page 2, Statistical Bulletin 14, "Prices: North Atlantic States", U. S. Department of Agriculture.

TABLE 161—Farm Prices of Crops on December 1, Pennsylvania, 1866-1927

Year	Wheat	Corn	Oats	Barley	Rye	Buck-wheat	Pota-toes	Sweet pota-toes	Tame hay	Wild hay	Tobac-co
	Cts. per bu.	Cts. per bu.	Cts. per bu.	Cts. per bu.	Cts. per bu.	Cts. per bu.	Cts. per bu.	Cts. per bu.	Dolls. per ton	Dolls. per ton	Cts. per lb.
1866	186	63	35	76	81	67	53	--------	11.22	--------	11.8
1867	174	84	47	98	101	81	74	--------	10.62	--------	6.4
1868	147	74	48	122	98	81	69	166	11.90	--------	6.0
1869	101	73	37	81	78	74	48	122	11.77	--------	--------
1870	114	67	43	82	80	76	70	115	11.71	--------	18.9
1871	130	69	44	81	77	84	49	88	18.67	--------	13.7
1872	148	53	38	78	76	82	56	95	20.23	--------	12.9
1873	138	55	40	97	75	77	60	148	16.39	--------	11.3
1874	109	69	53	90	81	77	71	106	15.37	--------	13.5
1875	112	51	36	89	74	60	37	92	14.93	--------	8.7
1876	115	50	32	78	68	68	78	--------	11.15	--------	8.2
1877	132	50	31	81	67	66	42	--------	9.44	--------	--------
1878	97	48	27	80	84	55	70	--------	8.04	--------	10.0
1879	132	54	36	83	68	60	37	--------	12.88	--------	9.0
1880	109	53	37	84	76	62	48	--------	16.40	--------	10.0
1881	134	75	48	95	96	96	97	--------	13.53	--------	13.0
1882	105	70	45	80	74	73	57	90	12.00	--------	12.0
1883	108	67	40	73	70	85	45	75	10.45	--------	12.0
1884	86	52	35	66	64	58	39	--------	12.00	--------	10.5
1885	96	49	36	70	66	54	47	90	13.50	--------	10.5
1886	83	47	34	60	58	54	46	72	11.50	--------	11.8
1887	81	50	35	68	56	56	70	84	11.31	--------	15.0
1888	107	50	34	65	62	65	40	--------	11.00	--------	11.0
1889	85	46	30	55	52	55	46	79	9.40	--------	11.7
1890	99	60	48	70	70	55	77	85	7.50	--------	15.5
1891	100	57	37	64	80	57	43	89	10.00	--------	14.5
1892	81	57	40	57	62	53	72	--------	12.30	--------	13.0
1893	65	49	35	50	57	59	60	--------	14.40	--------	13.5
1894	56	55	38	48	56	53	57	76	11.31	--------	9.0
1895	65	39	27	41	50	44	28	--------	12.30	--------	7.4
1896	83	33	24	40	47	38	27	52	12.15	--------	8.0
1897	91	34	27	39	43	42	66	74	9.15	--------	--------
1898	68	40	30	44	47	44	58	--------	7.90	--------	--------
1899	66	41	29	49	51	54	43	60	11.50	--------	8.2
1900	72	45	30	50	53	55	53	65	13.90	--------	6.0
1901	72	62	45	59	60	56	76	80	13.64	--------	6.0
1902	73	58	34	54	53	61	57	80	14.00	--------	6.0
1903	79	57	37	56	62	64	62	73	13.50	--------	7.3
1904	108	59	38	56	71	63	54	78	11.82	--------	8.9
1905	87	54	36	55	65	56	65	66	11.93	--------	10.8
1906	76	52	38	55	64	57	57	75	13.40	--------	13.7
1907	96	64	54	70	75	69	67	90	15.75	--------	7.5
1908	99	73	55	63	77	75	80	93	12.00	--------	10.5
1909	109	70	50	67	80	68	65	89	14.60	--------	9.0
1910	92	59	41	63	73	62	52	75	15.00	--------	9.3
1911	92	68	50	65	80	69	93	105	20.00	--------	9.5
1912	95	63	41	68	77	64	57	75	15.60	--------	8.5
1913	91	72	46	71	74	73	80	90	14.90	--------	7.5
1914	104	73	51	70	83	76	58	86	14.50	15.50	8.5
1915	104	70	44	75	84	78	75	75	15.60	13.00	9.2
1916	162	97	57	75	109	111	148	135	13.80	12.00	14.2
1917	205	153	73	140	170	163	135	140	17.50	16.00	21.0
1918	214	155	80	120	165	160	151	185	23.70	14.00	14.0
1919	216	147	80	128	157	140	154	180	24.00	20.00	17.0
1920	170	100	66	90	140	120	124	155	23.50	18.00	20.0
1921	103	55	45	62	95	75	133	180	17.00	12.00	14.4
1922	110	72	48	65	87	80	75	111	14.30	8.00	16.0
1923	100	91	52	72	91	91	105	140	21.50	15.50	18.1
1924	144	118	62	90	113	103	80	150	16.00	12.00	12.4
1925	147	80	51	86	105	91	194	210	17.00	12.00	10.4
1926	129	78	49	80	97	89	170	130	18.50	13.00	10.5
1927	127	91	54	83	105	85	120	185	13.50	11.00	13.0

TABLE 162—Prices Received by Producers for Farm Products on the 15th of the Month[1], Pennsylvania, 1908-1927

WHEAT

[Cents per bushel]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1908	96	96	96	96	96	96	94	92	93	95	98	99
1909	100	105	112	118	125	128	124	111	104	106	108	111
1910	114	117	118	114	107	103	102	100	98	97	94	92
1911	91	90	89	88	88	88	86	86	88	90	92	92
1912	94	96	98	102	108	111	104	97	94	94	95	96
1913	98	100	100	100	100	100	94	88	90	90	91	92
1914	92	94	95	96	96	94	88	93	102	104	104	108
1915	124	139	140	142	142	125	109	106	102	102	103	108
1916	117	118	112	111	108	100	104	120	134	152	164	157
1917	164	176	183	224	260	249	222	208	205	204	206	206
1918	206	208	210	210	210	209	210	214	214	214	214	216
1919	216	216	217	224	230	230	224	220	220	217	216	218
1920	224	228	226	232	254	273	261	240	225	206	183	168
1921	166	167	160	188	130	134	121	112	110	103	100	104
1922	106	114	124	126	126	117	104	97	94	99	106	114
1923	120	122	124	126	125	116	102	95	96	98	100	108
1924	107	112	114	110	110	109	112	125	124	132	143	153
1925	173	186	188	155	165	175	149	146	145	137	144	158
1926	168	169	161	159	161	151	143	129	122	124	127	130
1927	130	131	129	126	129	134	134	127	128	126	127	130

BRAN (AS BOUGHT)[2]

[Dollars per ton]

1910	28.60	28.50	28.50	27.30	27.90	25.50	25.40	26.10	26.50	25.90	25.20	26.00
1911	26.80	27.00	26.80	27.50	27.70	27.60	27.20	27.10	27.50	28.30	28.00	28.50
1912	28.80	30.30	31.10	31.60	31.70	31.00	29.80	28.10	27.80	27.90	27.70	26.20
1913	26.30	26.50	26.00	25.40	25.00	25.20	25.40	25.90	27,20	27.30	26.90	26.80
1914	27.65	28.10	29.40	30.20	29.70	28.20	27.70	28.70	29.50	28.10	27.40	28.20
1915	29.20	30.20	29.10	29.10	29.10	28.60	28.50	28.40	27.80	27.20	26.90	26.80
1916	27.00	27.60	27.50	26.50	27.00	27.30	27.00	27.50	28.00	29.80	32.80	34.00
1917	33,50	37.10	41.30	44.70	47.20	41.80	42.00	44.40	40.40	42.00	41.60	44.80
1918	44.40	45.20	45.50	47.20	45.90	42.70	42.80	40.20	39.60	41.20	41.60	41.00
1919	52.50	52.20	49.20	50.40	50.70	50.10	49.70	51.69	52.00	50.10	50.30	51.10
1920	52.10	53.10	54.40	58.00	61.80	61.50	62.90	60.10	60.00	55.00	49.00	45.00
1921	44.00	41.00	40.00	37.00	34.00	33.00	30.00	30.60	30.00	30.00	27.00	31.00
1922	32.00	34.00	36.00	36.00	35.00	33.00	32.00	30.00	29.00	30.00	33.00	34.00
1923	34.60	37.70	37.80	37.80	38.40	36.70	36.10	34.00	35.80	37.30	37.90	37.70
1924	37.00	37.00	36.40	35.00	34.00	33.00	34.00	34.70	36.00	36.50	36.00	39.00
1925	41.00	40.70	37.40	37.00	37.10	38.30	37.90	38.20	37.90	36.50	37.90	38.30

COTTONSEED MEAL (AS BOUGHT)[2]

[Dollars per ton]

1910	-------	-------	-------	-------	-------	34.20	-------	33.50	35.00	35.70	35.60	32.70
1911	35.00	33.70	32.60	33.00	33.90	32.70	32.30	33.20	32.20	33.70	33.50	33.20
1912	33.40	33.70	33.40	34.70	35.40	33.70	33.60	33.90	32.90	34.10	33.60	32.30
1913	33.00	33.50	33.20	32.90	32.80	33.00	33.20	33.10	34.50	33.30	34.00	34.00
1914	34.70	34.40	35.20	35.10	35.40	34.50	34.20	35.80	34.70	33.70	32.60	33.00
1915	33.50	34.40	34.10	34.00	34.10	34.80	34.00	33.30	34.00	34.90	35.50	38.20
1916	38.30	39.30	38.40	39.70	39.20	37.80	37.50	38.20	38.30	39.40	44.30	46.00
1917	46.20	44.90	48.60	47.40	52.00	51.10	52.00	53.60	54.10	55.50	56.60	57.00
1918	60.80	59.50	62.90	61.00	60.80	58.50	58.90	61.00	62.00	61.50	61.50	63.90
1919	64.50	66.50	66.50	65.80	69.00	68.60	74.10	82.00	84.50	80.90	81.00	84.00
1920	83.40	83.90	84.80	82.40	84.00	83.10	81.60	76.90	75.00	68.00	66.00	59.00
1921	52.00	50.00	47.00	44.00	44.00	47.00	42.00	49.25	50.00	50.00	49.00	48.00
1922	48.00	48.00	55.00	55.00	60.00	57.00	60.00	50.00	50.00	49.00	55.00	56.00
1923	58.00	60.40	58.00	59.70	56.60	53.00	55.00	52.00	55.00	55.00	56.00	54.20
1924	55.00	57.10	57.40	53.00	54.00	53.40	54.00	56.30	57.00	57.50	56.00	56.00
1925	57.00	55.00	54.70	53.20	53.10	52.60	52.20	55.40	54.40	47.80	49.10	50.40

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[1] As estimated from the reports of country dealers. The prices relate not to any specified grade or quality but to the average of local sales of all grades and qualities. See also discussion on page 199.

[2] Monthly price series discontinued in 1926.

TABLE 162—Prices Received by Producers for Farm Products—Continued

CORN

[Cents per bushel]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1908	68	68	69	72	76	79	81	82	82	77	72	72
1909	70	72	74	75	78	82	84	80	79	77	72	71
1910	73	75	76	75	74	74	74	74	74	69	62	58
1911	57	58	58	58	60	64	67	72	72	70	68	70
1912	71	72	76	80	86	88	88	86	82	74	66	62
1913	60	62	62	63	66	68	70	77	82	80	74	74
1914	76	75	72	74	76	78	80	85	89	83	75	73
1915	76	81	84	85	85	85	86	87	86	78	72	72
1916	75	78	79	80	81	82	84	88	92	90	92	97
1917	100	107	114	135	160	168	182	192	196	176	152	160
1918	174	186	196	193	182	180	182	182	180	168	156	155
1919	154	151	152	160	170	178	188	198	188	106	152	151
1920	156	156	160	169	184	194	189	178	159	126	106	99
1921	92	82	80	80	78	78	74	74	72	63	56	56
1922	59	62	65	66	67	70	70	68	70	72	72	73
1923	76	80	82	84	86	89	94	98	99	102	98	87
1924	86	89	92	89	92	90	100	121	125	131	125	120
1925	125	135	137	128	124	131	127	125	113	94	80	79
1926	85	81	80	78	78	77	76	83	81	82	79	76
1927	75	80	77	77	85	97	102	110	116	105	92	89

OATS

[Cents per bushel]

1908	54	54	56	59	61	62	61	59	56	56	56	56
1909	55	56	58	60	62	63	62	56	52	50	50	50
1910	51	54	56	56	54	52	52	48	45	44	42	42
1911	41	40	42	42	42	42	46	47	46	46	48	50
1912	51	54	56	60	64	64	62	53	44	42	41	41
1913	41	42	42	44	46	47	48	46	46	46	46	47
1914	48	47	48	48	48	48	48	49	51	52	52	50
1915	53	58	60	62	63	62	60	56	50	46	44	45
1916	48	50	50	51	52	50	48	48	50	53	56	58
1917	60	63	67	74	82	82	84	84	76	71	72	76
1918	82	88	94	98	96	93	88	84	82	80	79	78
1919	76	74	74	77	80	81	82	82	80	80	80	82
1920	86	90	94	104	116	123	120	106	86	72	66	65
1921	60	55	55	54	52	54	54	50	44	43	44	46
1922	46	46	47	49	50	51	52	48	44	46	47	48
1923	49	52	52	54	56	55	56	53	50	51	52	52
1924	55	55	55	55	56	56	59	63	60	58	57	59
1925	65	64	63	58	58	61	59	55	49	47	47	48
1926	51	49	49	50	50	49	49	47	47	47	48	49
1927	50	51	51	52	54	56	57	55	53	53	53	55

BARLEY

[Cents per bushel]

1908	72	76	76	72	74	74	73	70	70	71	66	65
1909	68	68	68	71	73	74	77	72	66	66	68	66
1910	68	70	71	72	73	70	70	68	66	68	65	62
1911	61	63	65	65	64	63	60	60	68	64	65	65
1912	68	72	74	74	78	78	76	74	74	74	70	69
1913	68	69	70	64	63	66	68	66	66	65	66	70
1914	68	70	70	65	68	70	68	70	76	72	68	74
1915	78	80	80	84	88	85	82	78	75	72	72	76
1916	72	66	72	76	80	78	70	69	69	74	77	81
1917	81	76	79	103	120	116	121	128	122	104	118	123
1918	115	134	145	149	140	136	129	126	125	126	118	126
1919	124	128	123	116	131	124	114	122	126	132	134	126
1920	126	124	122	144	154	138	128	140	128	98	93	88
1921	81	81	78	74	78	80	76	81	81	64	60	66
1922	68	70	67	60	64	72	70	60	58	68	70	64
1923	66	65	61	64	72	76	74	68	64	64	68	80
1924	85	85	92	90	90	80	90	92	93	99	98	97
1925	110	107	-------	-------	110	107	104	95	-------	81	71	83
1926	88	84	82	-------	80	75	60	70	64	66	75	75
1927	77	83	77	80	88	91	85	81	84	88	89	89

TABLE 162—Prices Received by Producers for Farm Products—Continued

RYE

[Cents per bushel]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1908	77	77	78	78	80	80	80	79	79	80	78	78
1909	78	78	80	82	84	86	86	82	80	80	80	80
1910	80	82	84	84	82	82	80	80	78	76	74	75
1911	76	73	74	74	75	76	77	76	77	79	80	80
1912	82	84	86	86	88	90	86	80	78	78	77	76
1913	75	76	76	76	76	76	73	70	73	74	74	74
1914	76	74	74	76	76	76	74	75	78	80	82	84
1915	90	100	100	98	100	95	90	87	84	82	82	84
1916	86	85	83	85	85	85	84	86	91	102	110	110
1917	112	116	120	138	165	178	174	171	169	171	172	172
1918	175	178	183	190	194	186	178	172	170	167	164	164
1919	159	154	152	153	156	162	159	153	154	158	158	160
1920	164	163	164	173	182	184	183	180	174	157	142	140
1921	138	135	130	120	114	114	106	100	98	94	91	91
1922	90	88	88	91	92	92	88	81	78	82	85	88
1923	90	91	92	92	91	90	86	81	81	82	86	89
1924	88	87	88	85	90	86	91	98	96	105	113	110
1925	120	127	130	109	123	116	110	105	99	95	93	96
1926	98	98	95	95	91	89	87	90	90	87	92	95
1927	96	96	94	90	97	102	101	99	101	100	101	105

BUCKWHEAT

[Cents per bushel]

1908	70	68	69	72	78	82	82	80	78	76	76	74
1909	72	72	74	74	76	80	83	79	74	71	68	68
1910	70	70	70	70	70	72	72	70	68	64	62	62
1911	62	62	62	62	65	66	68	70	68	68	70	70
1912	70	72	74	74	76	78	78	76	70	64	64	64
1913	65	64	64	68	70	69	68	66	68	72	72	72
1914	71	70	72	74	74	80	81	79	80	79	77	75
1915	76	79	80	81	82	86	89	86	77	75	78	78
1916	80	82	82	82	86	89	89	85	84	94	106	116
1917	117	122	134	138	164	205	206	179	156	150	160	162
1918	163	164	166	170	184	198	200	203	198	182	168	158
1919	156	144	136	144	154	148	144	150	153	156	146	138
1920	144	154	158	160	166	180	178	170	164	138	120	120
1921	115	111	108	112	118	112	113	112	102	88	76	77
1922	83	84	84	84	88	98	95	80	75	76	77	85
1923	85	81	84	85	89	98	98	89	87	90	92	93
1924	92	92	96	93	100	95	100	105	110	105	110	108
1925	105	109	108	102	116	120	111	115	102	84	83	88
1926	86	76	82	84	86	90	89	93	93	85	83	84
1927	85	85	85	86	87	98	100	97	94	82	80	82

BEANS, DRY

[Dollars per bushel]

1910	-------	-------	-------	-------	2.18	-------	-------	-------	-------	2.45	2.41	2.42
1911	2.40	2.34	2.33	2.33	2.25	2.43	2.29	2.36	2.49	2.50	2.46	2.49
1912	2.55	2.67	2.80	2.77	2.77	2.85	3.10	3.01	2.78	2.92	2.74	2.81
1913	2.56	2.65	2.48	2.58	2.61	2.70	2.60	2.60	2.50	2.58	2.50	2.40
1914	2.50	2.49	2.36	2.45	2.60	2.40	2.45	2.80	2.95	2.70	2.69	2.60
1915	2.96	3.40	3.10	3.05	3.00	2.94	3.00	2.92	3.10	2.88	3.31	3.60
1916	3.95	3.82	3.78	4.16	4.08	3.90	6.38	5.00	3.85	5.80	6.03	6.50
1917	6.40	6.65	7.20	7.70	9.60	10.00	10.00	8.70	8.20	8 40	8.70	8.80
1918	9.50	8.80	8.80	8.20	9.00	8.70	8.20	8.00	8.90	7.40	7.10	6.30
1919	6.50	6.20	5.80	5.98	5.70	5.60	5.60	5.70	5.80	5.60	5.70	6.10
1920	5.60	6.10	5.60	5.80	5.40	5.50	6.00	5.30	-------	5.15	4.80	3.95
1921	3.35	3.60	3.30	3.35	2.80	3.60	2.85	3.00	3.30	3.25	3.25	3.50
1922	3.50	3.50	3.60	4.00	4.25	4.10	5.00	5.60	4.60	4.00	4.25	4.20
1923	4.50	4.55	4.38	5.00	5.40	4.30	4.60	4.10	4.00	4.20	4.70	4.30
1924	4.00	4.00	4.00	4.00	3.70	3.70	4.00	3.45	3.40	3.40	3.45	3.50
1925	4.50	4.25	4.00	3.80	3.80	4.34	4.10	3.90	3.80	3.50	4.10	4.25

[Dollars per cwt.]

1926	6.20	6.21	6.20	6.30	5.60	5.70	5.80	5.20	5.40	5.50	5.90	6.30
1927	6.10	6.00	6.00	6.40	5.50	6.30	6.40	6.45	6.20	6.50	6.35	6.35

TABLE 162—Prices Received by Producers for Farm Products—Continued

POTATOES

[Cents per bushel]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1908	73	72	70	72	74	76	82	86	83	80	80	80
1909	80	80	84	94	98	96	95	90	80	71	66	63
1910	62	62	57	47	40	40	50	63	61	54	52	54
1911	56	54	52	52	55	71	100	114	108	93	89	96
1912	102	111	120	134	138	132	116	86	62	52	54	58
1913	62	63	62	60	61	66	76	83	80	80	80	81
1914	82	81	81	83	86	88	93	88	76	68	60	59
1915	60	59	54	50	50	54	55	52	52	64	75	81
1916	94	105	112	113	112	114	108	102	112	132	146	151
1917	171	226	253	279	300	272	208	142	126	134	140	137
1918	142	138	112	86	76	76	132	176	173	170	158	144
1919	134	128	116	118	137	153	184	204	188	160	150	160
1920	190	218	248	322	390	374	323	242	148	124	125	119
1921	112	94	68	56	51	52	97	163	164	138	134	128
1922	128	131	126	123	118	120	130	106	76	73	74	73
1923	74	76	78	87	98	100	138	178	162	128	108	97
1924	103	103	100	97	90	89	100	107	90	83	77	78
1925	70	76	76	73	67	67	163	180	114	114	192	200
1926	223	248	240	270	285	230	215	150	150	145	155	155
1927	155	145	135	130	143	200	185	140	120	115	120	120

SWEET POTATOES

[Cents per bushel]

1910	83	77	63	85	50	80	50	-------	75	75	68	75
1911	80	100	100	98	120	95	150	159	122	92	100	99
1912	-------	126	135	134	175	150	85	117	96	97	85	89
1913	95	128	106	127	115	80	100	200	102	102	82	115
1914	110	110	140	-------	110	-------	-------	-------	100	125	110	110
1915	125	125	125	150	130	175	85	115	93	100	89	100
1916	118	125	120	130	120	120	130	160	122	120	138	130
1917	130	140	200	210	-------	-------	-------	-------	140	150	160	160
1918	175	-------	150	185	-------	-------	-------	-------	150	200	185	190
1919	230	230	210	260	280	-------	-------	360	260	180	180	210
1920	210	230	240	245	280	250	-------	-------	240	175	200	195
1921	225	150	180	175	188	-------	-------	250	200	185	200	200
1922	200	220	240	300	-------	-------	-------	170	140	140	140	185
1923	164	200	209	225	200	-------	-------	250	194	155	159	157
1924	-------	-------	250	270	-------	-------	-------	-------	150	142	152	170
1925	-------	-------	-------	-------	-------	-------	-------	155	100	186	200	230
1926	260	269	263	300	300	-------	-------	-------	-------	100	125	125
1927	130	145	180	180	200	195	175	-------	135	150	125	160

MAPLE SUGAR

[Cents per pound]

Year	Feb.	Mar.	Apr.	May	June
1912	-------	12.0	12.0	12.0	11.0
1913	11.9	14.5	14.5	13.7	-------
1914	-------	13.4	13.5	13.3	13.5
1915	13.3	14.4	14.3	14.0	13.2
1916	14.9	15.0	15.0	15.0	14.0
1917	14.0	15.5	17.8	16.9	15.8
1918	17.9	20.0	23.0	21.0	21.0
1919	23.0	25.0	26.0	24.0	25.0
1920	33.0	35.0	34.0	32.0	32.0
1921	23.0	30.0	31.0	25.0	25.0
1922	23.0	25.0	25.0	23.0	25.0
1923	20.0	25.0	26.0	26.0	23.0
1924	26.0	26.0	26.0	26.0	24.0
1925	30.0	26.0	29.7	27.2	26.0
1926	-------	28.0	30.9	30.8	26.2
1927	30.0	26.8	28.0	28.3	26.4

MAPLE SIRUP

[Dollars per gallon]

Year	Feb.	Mar.	Apr.	May	June
1912	-------	1.02	1.00	0.99	0.94
1913	1.01	1.00	1.05	1.02	-------
1914	-------	1.05	1.05	1.05	1.05
1915	.94	1.05	1.03	1.02	1.02
1916	1.08	1.08	1.14	1.11	1.10
1917	1.15	1.25	1.30	1.35	1.30
1918	1.50	1.75	1.75	1.75	1.75
1919	1.70	1.90	2.00	1.85	1.85
1920	2.10	2.60	2.75	2.65	2.60
1921	2.15	2.25	2.26	2.15	2.25
1922	2.20	2.00	1.95	1.90	2.00
1923	1.79	1.90	1.99	2.00	1.82
1924	1.94	2.00	1.90	2.00	1.90
1925	2.07	2.05	2.10	1.94	2.04
1926	-------	1.99	2.19	2.02	1.99
1927	2.00	2.00	2.20	2.10	2.04

TABLE 162—Prices Received by Producers for Farm Products—Continued

HAY (LOOSE)

[Dollars per ton]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1908	15.82	15.46	15.14	15.00	14.75	13.50	11.75	11.00	11.12	11.38	11.75	11.88
1909	11.50	11.62	11.88	11.88	12.00	12.10	12.45	12.60	13.30	13.95	14.20	14.80
1910	15.25	16.00	16.80	17.15	17.15	16.55	15.25	14.65	14.80	14.95	15.05	15.35
1911	15.80	15.50	15.30	15.50	16.60	18.00	18.80	19.00	18.90	19.35	19.80	20.25
1912	20.70	21.25	22.20	23.40	23.70	21.55	18.00	15.75	14.95	14.60	15.05	15.05
1913	14.65	14.80	14.15	13.45	13.40	13.55	13.75	13.75	14.20	14.45	14.55	14.95
1914	14.95	14.50	14.30	14.75	14.90	14.65	14.00	13.95	14.20	14.20	14.45	14.90
1915	15.25	14.95	14.75	15.00	15.20	15.50	15.50	14.90	15.05	15.45	15.50	15.60
1916	15.85	16.00	16.25	17.05	17.65	17.65	15.65	13.20	12.80	13.10	13.50	13.70
1917	13.65	13.70	13.70	14.25	14.70	14.85	15.00	15.25	15.40	16.25	17.40	18.45
1918	20.00	21.30	22.45	22.80	22.15	20.65	19.10	19.50	21.10	22.70	23.70	23.95
1919	24.00	23.75	23.85	25.50	28.10	28.95	27.05	26.10	26.40	25.20	24.20	24.80
1920	26.25	27.35	28.70	30.45	31.00	30.60	28.65	25.70	24.30	23.55	23.30	23.15
1921	22.50	21.60	19.55	17.90	17.05	16.00	16.25	16.55	16.55	16.60	16.65	16.00
1922	15.25	15.88	16.48	16.72	17.38	16.85	15.05	13.55	13.50	14.30	14.30	14.65
1923	15.05	15.15	15.10	15.05	15.05	15.60	16.65	17.95	19.60	20.20	20.75	21.50
1924	22.00	24.00	23.80	23.00	23.20	23.40	22.00	16.70	15.60	16.00	16.50	15.50
1925	16.60	16.00	14.60	14.60	14.60	15.50	15.70	14.20	15.80	15.60	16.20	16.50
1926	16.20	16.40	16.60	16.40	17.50	18.10	18.00	16.90	17.40	18.00	17.60	18.30
1927	18.50	18.20	17.50	17.00	17.00	17.00	15.00	12.60	13.00	12.00	12.50	12.40

TIMOTHY HAY

[Dollars per ton]

1914	-------	-------	-------	-------	-------	-------	-------	-------	-------	14.50	14.90	14.90
1915	15.10	15.00	14.90	15.20	14.90	15.50	15.20	15.00	15.00	15.80	15.80	16.20
1916	16.40	16.60	16.70	17.40	18.30	18.00	15.30	13.20	13.88	13.70	14.35	13.90
1917	14.40	14.20	14.20	15.00	14.40	15.50	15.40	14.70	14.70	16.10	18.50	20.70
1918	22.20	22.90	25.50	24.60	23.60	21.50	19.20	21.10	21.60	25.50	26.70	26.00
1919	25.70	25.20	25.20	26.10	29.50	30.50	27.10	26.90	26.90	25.70	25.50	25.40
1920	27.00	27.20	30.90	30.50	32.20	34.00	30.00	26.60	27.00	26.00	26.00	25.00
1921	24.00	22.00	21.00	19.00	18.00	18.00	17.00	18.00	17.00	17.00	17.00	17.00
1922	17.00	17.00	18.00	18.00	18.00	18.00	16.00	15.00	16.00	16.00	16.00	15.00
1923	15.60	15.50	15.40	15.80	15.80	16.30	16.40	17.60	18.50	21.00	21.60	22.00
1924	23.00	24.00	24.00	23.90	23.40	24.00	22.50	20.20	17.50	17.00	18.00	17.50
1925	17.00	17.00	16.40	16.10	14.80	15.40	16.30	14.90	18.20	18.00	16.50	17.80
1926	16.80	17.00	18.00	18.00	19.60	19.60	18.46	19.10	19.00	19.20	18.20	20.00
1927	20.00	18.00	18.00	17.50	17.50	18.00	14.00	14.00	13.10	12.50	14.50	13.00

CLOVER HAY

[Dollars per ton]

1914	-------	-------	-------	-------	-------	-------	-------	-------	-------	12.50	13.40	12.80
1915	13.50	13.00	13.20	13.50	13.50	13.50	12.90	13.30	13.10	13.70	13.90	13.80
1916	13.90	13.90	14.30	15.00	15.90	15.20	13.40	11.40	12.00	12,40	12.80	12.60
1917	12.80	12.50	12.40	13.20	12.80	13.20	13.20	12.50	12.80	14.00	16.40	18.60
1918	19.70	21.00	23.30	21.50	20.20	18.40	17.00	18.70	19.50	22.50	23.50	23.50
1919	23.00	22.40	22.20	23.10	27.00	27.20	24.50	23.20	23.10	22.90	22.60	23.50
1920	24.00	25.10	28.60	28.50	29.40	30.60	27.10	24.10	24.00	24.00	23.00	22.00
1921	23.00	19.00	19.00	17.00	16.00	16.00	16.00	16.40	16.00	16.00	16.00	16.00
1922	15.00	16.00	16.00	16.00	16.00	16.00	14.00	14.00	14.00	14.00	14.00	14.00
1923	14.30	14.00	13.80	14.60	13.90	14.40	15.10	16.50	17.60	19.00	20.40	-------
1924	21.50	22.50	23.00	22.70	23.00	24.00	23.00	18.00	16.00	16.20	17.00	16.50
1925	16.00	16.10	15.20	16.90	13.90	15.30	12.60	14.90	17.10	16.90	15.80	16.30
1926	16.30	16.70	16.90	17.70	17.90	19.70	18.20	18.30	18.30	19.10	19.00	18.00
1927	19.00	18.50	18.00	17.50	17.50	17.50	15.00	13.50	14.00	13.00	14.00	13.50

ALFALFA HAY

[Dollars per ton]

1914	-------	-------	-------	-------	-------	-------	-------	-------	-------	14.00	-------	-------
1915	15.00	-------	15.20	17.50	18.00	17.20	14.20	18.00	-------	18.50	18.50	18.20
1916	18.30	18.40	18.50	17.80	18.80	18.00	16.40	15.00	15.50	18.40	17.00	17.00
1917	-------	17.80	15.00	16.00	14.75	16.70	15.80	15.20	15.50	18.10	21.40	24.50
1918	29.30	-------	27.20	-------	-------	19.70	18.40	21.20	-------	29.50	27.00	28.00
1919	26.60	26.30	25.70	-------	36.70	33.10	28.00	26.50	30.00	27.50	24.00	27.60
1920	28.60	31.60	31.60	38.50	37.50	-------	31.60	30.50	30.00	28.00	27.00	26.00
1921	27.00	24.00	21.00	19.00	18.00	16.00	20.00	22.00	20.00	20.00	20.00	20.50
1922	18.00	20.00	20.00	20.00	19.00	18.00	18.00	15.00	16.00	16.00	17.00	18.00
1923	17.00	17.70	15.60	16.20	17.00	17.20	18.00	19.80	25.00	23.00	25.00	-------
1924	26.00	27.00	-------	-------	26.00	-------	-------	20.50	17.00	-------	20.00	19.00
1925	19.00	19.30	16.30	15.00	15.40	14.20	14.80	18.00	15.70	19.10	19.10	20.10
1926	21.30	21.00	21.10	21.10	19.00	20.90	21.40	19.00	21.10	23.00	22.30	22.00
1927	23.00	23.00	22.00	21.00	22.10	20.50	16.50	16.50	15.60	17.50	18.50	18.00

TABLE 162—Prices Received by Producers for Farm Products—Continued

CLOVER SEED

[Dollars per bushel]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1925	14.00	19.90	20.00	19.00	17.40	17.00	16.10	18.00	13.50	15.00	14.70	14.00
1926	16.00	18.00	19.50	19.60	20.00	19.00	20.00	18.50	-------	21.00	21.00	19.00
1927	22.50	22.00	23.00	24.00	25.00	23.50	21.20	21.50	18.50	19.00	18.70	19.00

TIMOTHY SEED

[Dollars per bushel]

1925	3.80	3.80	4.10	4.00	3.50	3.90	4.00	4.90	3.70	3.90	4.10	4.10
1926	4.00	4.30	3.90	4.10	4.30	4.10	4.20	4.00	-------	-------	-------	-------

CABBAGE[1]

[Dollars per 100 pounds]

1910	1.46	1.75	2.17	2.18	3.25	2.00	3.00	1.78	2.05	2.00	0.90	1.00
1911	1.30	1.07	1.29	1.38	1.25	3.38	3.00	2.45	2.46	1.20	1.15	1.60
1912	1.63	2.40	3.10	3.50	3.75	3.90	2.25	2.00	1.65	1.00	1.10	2.16
1913	1.60	2.00	1.30	2.00	2.52	2.75	3.30	2.50	2.05	1.65	1.60	1.65
1914	2.00	2.30	2.50	2.75	2.77	2.05	2.35	1.50	1.85	1.40	1.10	1.50
1915	1.30	1.50	1.50	2.20	2.60	2.36	1.60	1.71	1.20	1.30	1.10	1.50
1916	1.20	1.20	1.50	1.60	2.20	2.75	2.50	2.40	2.52	2.90	2.95	3.25
1917	4.50	6.50	6.60	8.40	9.50	6.50	4.00	2.40	1.70	1.80	1.80	2.40
1918	2.80	3.30	3.10	2.90	3.00	3.90	4.40	3.05	2.99	2.50	2.10	2.40
1919	2.30	2.60	3.10	3.80	5.60	4.40	4.00	3.80	3.40	2.50	2.40	3.50
1920	4.30	5.60	5.50	5.15	6.50	6.60	6.60	3.20	2.50	2.50	2.00	2.13
1921	2.20	2.00	2.15	2.60	3.00	5.00	3.80	3.50	3.10	2.60	2.75	3.00
1922	3.00	3.25	3.75	4.40	4.60	3.80	2.45	2.20	2.00	1.75	1.80	1.90
1923	2.70	2.40	3.10	4.20	4.50	4.70	4.60	3.30	3.00	2.31	2.52	2.44
1924	3.00	3.00	3.30	3.50	-------	-------	-------	2.90	1.87	1.78	1.81	2.40
1925	2.70	2.75	2.26	3.10	3.80	4.10	5.00	3.20	2.80	2.35	2.25	2.36

ONIONS[1]

[Cents per bushel]

1910	80	75	70	77	86	85	79	73	73	72	72	72
1911	77	81	84	90	94	114	105	81	89	86	91	95
1912	101	120	150	179	141	139	90	89	85	76	80	77
1913	80	80	68	69	75	85	90	93	87	95	98	100
1914	105	110	130	120	110	150	120	115	89	85	77	85
1915	91	90	85	95	105	100	86	74	65	85	85	86
1916	95	100	100	100	110	120	120	125	105	118	145	150
1917	170	300	390	470	320	250	250	130	135	155	175	175
1918	180	175	145	110	125	150	160	190	165	155	145	135
1919	140	140	150	170	220	220	210	200	200	200	200	210
1920	240	280	295	310	310	330	200	160	175	145	150	140
1921	138	130	115	95	125	155	140	165	165	200	215	225
1922	225	275	350	400	350	225	210	165	120	135	135	155
1923	170	175	180	165	200	290	250	170	165	185	165	181
1924	184	180	185	176	-------	-------	-------	165	174	126	126	146
1925	168	190	177	207	120	350	290	250	191	160	168	160

TOMATOES[1]

[Cents per bushel]

Year	Aug.	Sept.	Oct.
1912	95	63	69
1913	105	65	77
1914	95	60	67
1915	87	60	80
1916	155	87	100
1917	150	120	145
1918	210	135	130
1919	250	140	130
1920	180	130	130
1921	180	105	155
1922	160	-------	100
1923	245	127	126
1924	200	122	108
1925	320	92	92

TURNIPS[1]

[Cents per bushel]

Year	Jan.	Feb.	Nov.	Dec.
1912	-------	-------	40	39
1913	43	41	45	48
1914	50	46	48	47
1915	54	56	43	43
1916	50	51	83	90
1917	90	110	85	100
1918	90	100	85	85
1919	85	80	100	100
1920	110	130	100	100
1921	110	100	100	100
1922	110	113	100	100
1923	110	117	76	95
1924	96	110	88	99
1925	129	121	102	117

[1] Monthly price series discontinued in 1926.

TABLE 162—Prices Received by Producers for Farm Products—Continued

APPLES

[Dollars per bushel]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	0.78	0.71	0.76	0.79	0.92	0.90	0.60	0.62	0.62	0.60	0.70	0.80
1911	.90	.95	1.00	1.05	1.15	1.33	.93	.60	.56	.49	.50	.58
1912	.58	.70	.75	.95	.95	.80	.70	.65	.56	.60	.68	.72
1913	.71	.75	.79	.78	.85	.87	.90	.80	.78	.80	.85	.93
1914	1.00	1.03	1.15	1.20	1.25	-------	.80	.52	.50	.46	.47	.53
1915	.59	.56	.60	.65	.67	.85	.90	.58	.58	.62	.63	.70
1916	.75	.79	.80	.82	.95	1.15	1.00	.75	.60	.60	.73	.75
1917	.80	.90	1.00	1.00	1.10	1.10	1.50	1.05	1.00	1.10	1.20	1.15
1918	1.20	1.25	1.35	1.35	1.25	1.50	1.40	1.62	1.00	1.05	1.15	1.20
1919	1.25	1.30	1.60	1.80	1.90	1.70	1.80	1.80	1.80	1.80	1.50	2.10
1920	2.50	2.50	2.75	2.70	3.40	3.70	2.80	1.10	.85	.85	.90	1.05
1921	1.00	1.00	1.20	1.10	1.60	1.90	2.00	2.10	1.95	2.20	2.40	2.00
1922	2.50	2.90	3.00	2.75	2.75	2.75	1.50	1.00	.85	.90	1.00	1.10
1923	1.13	1.23	1.28	1.56	2.00	2.10	1.42	.95	1.05	1.08	1.03	1.11
1924	1.12	1.19	1.31	1.30	1.30	1.65	2.00	1.41	1.15	1.10	1.20	1.40
1925	1.43	1.40	1.67	1.98	1.59	2.00	1.92	1.55	1.20	1.42	1.36	1.56
1926	1.58	1.60	1.58	1.55	1.70	1.65	1.50	1.10	1.00	.80	.85	.80
1927	.90	.95	.90	.95	1.90	1.25	1.30	1.40	1.30	1.35	1.45	1.50

[Dollars per barrel]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1914	-------	-------	-------	-------	-------	-------	-------	1.63	1.50	1.30	1.55	1.70
1915	1.85	1.80	1.95	2.30	2.10	2.80	2.60	1.72	1.60	2.00	2.00	2.20
1916	2.40	2.50	2.70	2.45	2.75	3.15	2.60	2.00	1.80	2.00	2.39	2.40
1917	2.50	3.00	3.30	3.50	3.60	3.60	-------	2.70	3.00	3.00	3.60	3.80
1918	3.90	4.20	4.20	4.40	4.40	4.40	3.20	3.15	3.50	3.50	3.75	3.80
1919	4.20	4.30	4.80	7.00	6.50	5.70	4.20	4.50	5.30	5.90	6.60	6.60
1920	7.80	8.00	8.50	8.20	10.00	8.80	7.00	2.80	2.75	2.55	2.90	3.20
1921	3.10	3.25	3.50	3.25	4.75	5.50	5.90	6.00	5.35	6.00	7.50	7.75
1922	7.50	9.00	9.00	8.00	8.00	8.00	4.50	2.75	2.40	2.80	3.10	3.30
1923	3.82	4.00	4.10	4.80	5.80	-------	-------	2.30	2.46	3.18	3.00	3.28
1924	3.37	3.80	4.00	4.00	4.00	4.50	-------	3.60	3.20	3.30	4.10	4.60
1925	4.68	4.70	5.60	6.20	4.46	5.50	4.00	3.90	2.60	3.10	3.85	3.90
1926	4.90	4.42	3.90	4.50	6.00	-------	-------	2.10	2.50	2.50	2.25	2.50
1927	2.60	2.40	2.50	2.40	2.80	3.50	3.50	3.05	3.30	3.65	4.15	4.15

Year	PEACHES[1] [Dollars per bushel]				PEARS[1] [Dollars per bushel]					GRAPES[1] [Cents per pound]			
	July	Aug.	Sept.	Oct.	Aug.	Sept.	Oct.	Nov.	Dec.	Aug.	Sept.	Oct.	Nov.
1910	-------	1.31	1.37	1.50	-------	1.01	0.70	0.85	0.94	-------	3.6	3.0	2.5
1911	-------	1.57	1.89	1.79	0.95	.94	.75	.70	.75	-------	3.0	3.1	4.5
1912	1.65	1.86	1.86	1.74	.94	1.09	.90	.85	.96	3.5	3.7	2.9	3.4
1913	-------	1.79	1.80	2.00	1.00	1.05	1.04	1.00	1.17	3.2	4.2	4.1	6.0
1914	1.90	1.10	1.25	1.30	.85	1.00	.82	.70	.70	5.0	2.9	2.7	3.7
1915	1.75	1.09	.80	.93	.86	.87	.85	.74	.85	4.0	3.2	3.2	3.3
1916	1.80	1.70	1.50	1.40	1.10	1.02	.95	.90	.80	4.0	4.0	4.0	5.0
1917	-------	2.10	1.70	1.80	1.10	1.35	1.15	1.20	1.40	-------	5.0	4.3	4.0
1918	2.80	2.50	2.75	2.60	1.93	1.50	1.40	1.35	1.20	-------	5.5	5.8	-------
1919	2.70	2.50	3.00	3.00	2.10	2.40	2.30	2.30	2.20	-------	6.0	6.0	8.0
1920	3.40	2.60	2.50	2.20	2.40	1.90	1.60	1.30	1.25	-------	7.0	7.0	10.0
1921	2.85	3.40	3.45	3.25	2.20	2.60	2.00	2.45	-------	-------	6.0	5.0	6 0
1922	2.85	2.00	1.80	1.90	1.75	-------	1.50	1.00	1.40	7.0	-------	5.0	5.0
1923	3.10	1.82	1.83	1.98	1.45	1.45	1.53	1.21	1.22	5.7	6.0	3.8	9.0
1924	-------	2.00	1.91	1.80	2.50	1.52	1.60	1.29	1.57	10.0	-------	4.8	4.9
1925	2.50	2.40	2.82	2.50	1.82	1.85	1.29	1.38	1.75	-------	8.1	7.1	-------

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[1] Series discontinued in 1926; a seasonal price now obtained on December 1 each year.

TABLE 162—Prices Received by Producers for Farm Products—Continued

HOGS

[Dollars per 100 pounds]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	9.30	8.90	9.40	10.00	9.60	9.60	9.00	8.80	8.80	9.30	8.70	8.00
1911	8.50	8.10	7.90	7.40	6.80	6.40	6.70	6.90	7.50	7.10	6.50	6.20
1912	6.60	6.50	6.40	6.80	7.00	7.10	6.90	7.40	7.90	8.30	7.90	7.80
1913	7.70	7.80	8.00	8.50	8.00	8.10	8.20	8.60	8.70	8.90	8.40	8.10
1914	8.10	8.50	8.70	8.70	8.30	8.00	8.30	8.90	8.80	8.70	8.20	7.80
1915	7.80	7.50	7.30	7.40	7.50	7.50	7.60	7.50	7.50	7.90	7.40	6.20
1916	7.20	7.80	8.40	8.70	8.80	9.00	8.90	9.10	10.10	9.70	9.80	9.70
1917	9.90	11.70	13.40	14.40	14.40	14.10	13.90	15.16	16.70	17.90	16.90	16.40
1918	16.90	17.10	17.20	17.20	17.30	16.80	17.20	18.50	18.80	19.00	17.50	17.00
1919	17.10	17.10	17.00	17.90	18.50	18.60	19.60	20.60	17.80	15.80	14.60	14.50
1920	14.90	15.10	15.40	15.40	15.40	15.20	14.90	15.00	15.70	15.70	14.40	11.00
1921	11.00	10.00	11.00	9.60	9.00	8.25	8.70	9.50	8.80	8.70	8.50	8.50
1922	8.20	9.20	10.00	9.70	9.50	9.80	9.60	9.50	9.50	9.50	9.20	9.30
1923	9.40	9.70	9.00	8.70	8.80	8.00	7.80	8.00	8.90	8.80	8.80	8.30
1924	8.40	8.10	8.10	8.10	7.80	7.80	7.80	9.50	9.30	10.00	10.20	10.00
1925	10.30	10.70	12.10	12.50	12.90	12.30	13.20	13.60	13.20	12.90	12.30	12.30
1926	13.00	12.80	12.50	12.80	12.70	13.80	13.70	13.20	13.30	13.30	13.20	12.50
1927	12.50	12.40	12.10	11.80	11.20	10.50	9.90	10.30	10.60	11.40	10.90	10.30

BEEF CATTLE

[Dollars per 100 pounds]

1910	5.70	5.20	5.90	6.20	6.50	6.50	6.00	5.60	5.90	5.30	5.30	5.50
1911	5.90	5.40	5.70	5.60	5.60	5.60	5.60	5.30	5.30	5.20	5.10	4.90
1912	5.20	5.30	5.40	5.90	6.40	6.70	6.30	6.70	6.40	6.40	6.20	6.30
1913	6.30	6.40	6.60	7.20	7.20	7.30	7.30	7.00	6.90	7.20	7.00	7.10
1914	7.00	7.30	7.40	7.40	7.30	7.20	7.50	7.70	7.60	7.30	7.40	7.00
1915	7.60	6.90	6.70	6.70	7.00	7.30	7.40	7.30	7.00	7.10	7.00	6.80
1916	6.80	6.90	7.10	7.30	7.60	8.00	7.70	7.50	7.50	7.20	7.30	7.30
1917	7.40	8.10	9.60	9.20	9.30	10.10	10.20	9.60	10.20	10.10	10.10	9.60
1918	9.70	9.80	10.40	10.40	12.20	12.60	12.20	12.10	12.20	11.50	11.40	11.00
1919	11.10	11.50	11.70	12.90	12.70	12.30	12.00	12.10	11.00	10.80	11.10	11.30
1920	11.00	10.90	10.80	10.60	10.75	11.20	11.40	11.40	10.60	10.20	9.80	8.50
1921	8.30	8.00	8.10	8.10	7.50	7.60	7.10	7.40	7.00	7.00	6.50	6.30
1922	6.40	6.50	7.00	6.70	7.00	7.50	7.20	7.00	7.00	7.40	7.00	7.20
1923	7.30	7.10	7.00	7.20	7.20	7.50	7.50	7.50	7.40	7.20	6.90	7.00
1924	7.00	7.00	7.40	7.60	7.50	7.50	7.20	7.40	7.20	7.30	7.00	7.10
1925	7.30	7.30	7.50	8.20	8.10	8.10	8.20	8.30	7.90	7.80	7.30	7.70
1926	7.90	7.70	7.90	8.00	7.60	7.90	7.30	7.60	7.50	7.40	7.60	7.70
1927	8.00	8.20	8.00	8.10	8.20	8.70	8.60	8.40	8.40	8.50	8.50	9.10

VEAL CALVES

[Dollars per 100 pounds]

1910	7.20	7.40	7.50	7.10	7.50	7.70	7.50	7.50	7.50	7.50	7.60	8.00
1911	7.90	7.90	7.90	7.00	6.80	6.90	7.50	7.50	7.60	7.50	7.60	7.20
1912	7.30	7.20	6.80	7.00	7.30	7.30	7.20	7.80	7.80	8.20	7.90	8.10
1913	8.20	8.30	8.40	8.60	8.50	8.60	8.80	9.00	9.00	9.20	9.40	9.20
1914	9.30	9.40	9.60	8.80	8.80	8.70	9.00	9.60	9.50	9.50	9.30	9.20
1915	9.10	9.20	8.70	8.30	8.10	8.50	8.60	9.20	9.10	9.30	9.10	9.20
1916	9.20	9.20	9.20	8.90	8.90	9.50	9.80	10.10	10.50	10.30	10.40	10.40
1917	10.90	11.20	11.50	12.10	11.70	12.00	12.40	12.70	13.50	13.70	13.50	13.20
1918	13.70	13.70	13.60	13.50	13.70	13.90	15.00	15.30	15.50	15.80	15.80	15.30
1919	15.50	15.20	15.40	15.40	14.60	15.20	16.40	17.00	16.90	16.80	16.40	16.40
1920	16.60	16.90	16.80	16.40	15.50	15.50	15.50	15.80	15.50	16.00	15.30	13.40
1921	13.50	12.40	12.10	11.00	9.80	10.00	10.00	10.20	10.40	10.50	10.80	10.20
1922	10.20	10.50	10.50	9.50	9.00	9.60	9.50	9.70	10.00	10.70	10.50	10.40
1923	10.60	10.50	10.30	10.00	10.00	10.10	10.30	10.20	10.80	10.90	10.70	10.70
1924	10.80	11.00	11.10	10.60	10.20	10.30	9.90	10.40	10.60	10.60	10.60	10.80
1925	11.00	11.30	11.20	11.50	10.40	10.50	10.60	11.40	11.40	11.60	11.60	12.10
1926	12.20	13.00	12.30	13.00	10.90	11.60	11.60	11.80	12.60	12.40	12.40	12.30
1927	12.20	12.60	12.60	12.10	11.30	11.80	12.10	12.20	12.80	13.10	12.90	13.00

TABLE 162—Prices Received by Producers for Farm Products—Continued

SHEEP

[Dollars per 100 pounds]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	4.60	4.50	5.30	5.40	5.20	4.70	5.00	4.80	4.70	4.80	5.00	4.80
1911	4.50	4.60	4.40	4.40	4.80	4.60	4.60	5.70	4.60	4.50	4.50	4.20
1912	3.80	4.10	4.40	4.80	5.40	5.20	4.60	4.60	4.50	4.30	4.60	4.60
1913	4.60	4.90	5.10	5.40	4.90	5.00	4.90	5.10	5.00	4.70	4.50	4.50
1914	5.20	5.10	5.70	5.80	5.40	5.00	5.40	5.60	5.40	5.10	5.20	5.10
1915	5.20	5.00	5.60	5.50	6.00	5.50	5.40	5.40	5.20	5.40	5.30	5.80
1916	5.70	6.10	6.70	6.50	6.60	6.50	6.10	6.10	6.30	6.40	6.30	6.70
1917	7.10	8.10	10.20	10.50	9.10	9.30	8.60	8.80	9.40	9.60	10.30	10.40
1918	10.30	10.70	11.10	10.50	11.00	10.70	11.20	11.30	10.60	10.30	10.20	9.30
1919	9.40	10.30	10.60	11.50	10.50	9.50	9.90	9.60	9.60	8.40	8.50	8.40
1920	10.00	10.00	10.40	10.75	9.70	9.60	9.60	8.70	7.50	6.90	7.00	6.00
1921	7.10	5.50	6.00	6.60	5.70	5.70	4.80	5.90	4.60	4.90	4.20	4.20
1922	5.00	5.70	6.00	5.80	6.00	6.00	5.80	5.30	5.40	6.50	6.00	6.10
1923	6.50	6.70	6.10	6.20	6.40	6.20	5.80	6.00	6.60	6.80	6.50	6.10
1924	6.10	6.60	6.90	6.50	6.50	6.00	5.60	5.80	5.90	6.10	6.00	6.30
1925	6.40	7.40	7.90	8.20	7.40	6.20	7.00	6.30	6.30	6.80	7.20	6.80
1926	7.70	7.60	7.70	7.00	7.50	7.50	6.70	6.60	6.30	7.00	6.20	6.00
1927	6.10	6.90	6.90	7.80	7.50	7.50	7.00	6.80	6.80	6.50	7.00	7.20

LAMBS

[Dollars per 100 pounds]

1910	5.80	6.00	7.00	7.10	7.00	7.00	6.50	6.20	6.30	6.00	6.20	6.10
1911	5.40	5.90	5.90	5.80	6.80	6.30	6.50	6.50	5.90	6.00	5.60	5.40
1912	5.40	5.60	5.90	6.50	6.90	7.50	6.20	6.40	6.20	6.20	6.10	6.30
1913	6.30	6.80	6.90	7.20	7.30	7.30	7.30	6.90	6.80	5.50	6.50	6.30
1914	7.10	7.30	7.10	7.50	7.50	7.30	7.70	7.50	7.20	6.80	6.70	7.00
1915	7.10	7.10	7.30	7.20	8.20	8.50	7.40	7.20	7.00	7.20	7.30	7.80
1916	8.00	8.50	8.50	8.50	8.50	9.00	8.70	8.00	8.70	8.80	9.00	9.40
1917	9.90	11.20	11.90	12.10	12.20	13.10	12.30	12.00	12.40	14.00	14.20	14.00
1918	13.90	14.00	15.00	15.00	15.00	15.30	16.10	15.30	15.40	14.60	14.20	12.90
1919	14.00	14.50	14.70	15.30	15.00	15.10	15.20	14.40	13.80	13.00	12.60	12.80
1920	14.20	15.10	15.20	16.75	15.30	15.30	14.60	13.20	12.00	11.00	11.00	10.20
1921	11.00	9.20	9.50	9.80	9.20	10.20	9.30	9.50	7.90	8.20	7.50	7.50
1922	8.70	10.00	10.60	10.90	11.50	11.50	10.20	9.70	10.20	10.80	10.50	10.80
1923	11.20	11.20	10.90	10.80	11.70	11.20	10.80	10.50	11.00	11.50	10.30	10.10
1924	10.50	11.10	11.50	12.00	11.50	12.00	11.00	10.90	11.00	10.80	10.40	11.00
1925	12.00	13.20	13.10	13.50	13.50	12.50	11.70	11.60	11.60	11.80	11.90	12.60
1926	12.30	12.60	12.20	11.70	12.70	13.30	12.40	11.30	12.00	11.80	11.70	11.70
1927	11.10	11.50	12.00	12.10	12.80	12.80	12.30	11.00	11.30	11.60	11.40	11.50

MILK COWS

[Dollars per head]

1910	49.00	42.60	44.10	49.40	44.70	45.90	46.50	48.00	47.50	48.80	49.00	48.00
1911	48.00	47.50	47.90	50.30	49.00	47.60	44.40	47.00	46.60	46.20	47.20	45.80
1912	47.40	47.00	46.00	48.40	48.50	50.50	49.00	48.90	51.10	51.20	51.00	50.70
1913	52.50	53.40	55.90	56.70	56.50	56.60	54.90	57.80	60.30	62.40	64.30	62.60
1914	61.50	61.70	63.30	62.20	62.40	64.70	63.60	63.80	62.80	62.50	60.50	61.20
1915	63.00	60.30	60.10	59.20	60.00	59.80	62.10	61.20	62.80	62.50	61.70	62.50
1916	60.70	59.10	60.30	61.50	61.00	61.60	63.60	62.30	64.70	67.20	67.90	64.50
1917	65.00	68.50	69.90	71.70	73.70	72.90	72.80	76.00	78.60	80.00	79.40	80.30
1918	81.70	79.40	85.00	84.60	84.40	90.00	91.80	93.20	93.00	99.50	94.70	94.00
1919	93.00	90.30	95.30	97.10	98.20	98.40	101.90	106.00	110.00	111.30	111.30	114.70
1920	111.50	108.70	111.10	102.25	103.10	98.20	100.00	106.90	102.00	100.00	91.00	85.00
1921	80.00	75.00	75.00	70.00	70.00	70.00	63.00	69.00	68.00	63.00	65.00	65.00
1922	65.00	62.00	62.00	61.00	60.00	63.00	61.00	61.00	63.00	60.00	65.00	65.00
1923	65.80	62.50	63.40	67.20	65.40	67.00	67.50	67.00	67.70	66.20	65.80	63.00
1924	65.00	65.90	67.00	66.00	67.00	68.00	66.00	70.00	69.00	68.70	70.50	68.00
1925	68 60	65.00	63.80	72.00	70.00	72.90	68.40	71.50	75.40	78.70	78.60	77.40
1926	80.10	81.80	81.00	89.00	88.00	89.00	89.00	82.00	93.00	88.00	91.00	85.00
1927	88.00	90.00	91.00	95.00	97.00	98.00	100.00	100.00	102.00	110.00	111.00	112.00

TABLE 162—Prices Received by Producers for Farm Products—Continued

HORSES

[Dollars per head]

Year	Jan.	Feb	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	149	156	164	175	179	175	170	170	171	168	160	163
1911	169	167	173	181	182	177	175	170	171	168	168	170
1912	169	174	179	176	176	178	175	177	175	174	176	165
1913	170	170	180	185	178	180	179	180	181	167	174	173
1914	171	172	179	177	180	176	175	180	170	168	164	167
1915	168	171	164	164	164	160	166	158	160	151	148	153
1916	158	158	161	168	168	161	165	157	164	165	160	155
1917	155	165	161	166	173	169	170	160	163	162	165	155
1918	158	162	171	173	170	168	163	168	165	155	150	145
1919	150	147	160	165	160	153	157	150	153	145	139	141
1920	151	150	158	165	168	155	160	156	146	141	140	138
1921	138	145	150	145	150	140	135	140	131	126	123	120
1922	125	130	135	131	130	132	130	130	135	130	125	120
1923	124	124	124	127	124	120	126	120	115	110	105	100
1924	100	105	110	112	110	108	110	110	108	110	105	105
1925	104	101	110	115	124	115	114	113	123	126	96	104
1926	115	114	124	124	126	120	114	106	118	124	119	108
1927	109	117	122	127	126	122	126	125	118	120	117	117

MULES

[Dollars per head]

1926	116	133	129	122	136	128	118	125	126	127	117	100
1927	110	117	122	135	135	135	130	130	120	125	123	132

CHICKENS

[Cents per pound]

1909	-------	11.0	11.5	12.0	12.0	12.0	13.0	12.0	12.0	13.0	12.5	12.0
1910	12.2	12.7	13.4	14.1	14.3	14.1	14.1	14.0	13.6	13.6	13.0	12.4
1911	12.6	12.6	12.8	13.2	13.2	13.6	14.0	13.8	13.4	12.8	11.6	11.2
1912	11.7	12.3	12.6	13.0	13.4	13.5	13.6	13.4	13.3	13.0	12.6	12.5
1913	12.4	12.7	13.5	14.0	14.2	14.2	14.6	14.3	14.2	13.9	13.1	13.1
1914	13.4	14.0	14.0	14.9	15.0	14.6	14.7	14.7	14.5	13.5	12.8	12.6
1915	12.7	13.0	13.6	14.0	13.9	14.1	13.5	14.1	13.7	13.2	12.9	12.8
1916	13.4	14.1	15.0	15.1	15.2	15.5	15.4	15.8	15.9	16.1	15.6	15.2
1917	16.0	17.0	18.2	20.0	20.0	20.0	20.1	21.0	21.1	21.0	20.5	21.0
1918	21.8	23.6	24.4	25.0	25.0	25.0	26.5	27.8	28.6	28.3	26.2	25.2
1919	27.0	27.0	29.0	30.7	31.6	31.0	32.0	32.0	30.0	28.0	25.0	26.0
1920	26.8	29.0	31.4	33.5	33.0	32.4	31.0	32.7	32.0	29.0	27.0	25.0
1921	27.0	27.0	28.0	27.0	28.0	27.0	27.0	26.0	25.0	24.0	22.0	21.0
1922	22.0	23.0	24.0	24.0	24.0	24.0	24.0	23.0	21.0	22.0	22.0	21.0
1923	22.3	23.0	23.0	24.0	23.0	24.0	24.0	23.0	25.0	23.0	21.4	20.0
1924	22.0	22.0	22.8	23.0	23.7	25.0	23.0	23.0	22.0	22.8	21.5	21.2
1925	22.5	23.0	25.2	26.2	25.5	26.4	25.0	25.8	25.5	24.0	23.8	23.2
1926	23.7	24.9	25.5	26.8	26.6	26.7	26.7	26.0	25.7	24.5	24.3	23.2
1927	24.2	24.8	25.4	26.4	26.3	26.1	24.6	23.9	24.0	24.4	23.8	23.2

TURKEYS

[Cents per pound]

Year	Jan.	Oct.	Nov.	Dec.	Year	Jan.	Oct.	Nov.	Dec.
1912	-------	16.5	18.2	19.0	1920	44.3	30.0	42.0	47.0
1913	19.4	17.8	19.4	20.2	1921	49.0	34.0	40.0	47.0
1914	21.0	18.7	18.2	19.1	1922	46.0	40.0	41.0	50.0
1915	19.1	17.7	18.7	20.9	1923	46.0	44.0	47.0	48.0
1916	22.0	22.0	21.0	24.7	1924	40.0	39.0	39.0	42.0
1917	24.0	28.0	28.0	29.3	1925	42.9	40.0	41.0	45.4
1918	30.0	31.8	33.2	33.9	1926	45.3	37.2	41.2	45.0
1919	38.0	34.0	36.0	41.0	1927	46.0	44.0	43.0	48.0

TABLE 162—Prices Received by Producers for Farm Products—Continued

MILK, WHOLESALE

[Cents per gallon]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	20	18	18	21	16	18	18	16	17	18	18	21
1911	18	19	17	17	17	16	18	18	18	18	18	20
1912	19	20	19	18	17	17	19	18	18	19	------	18
1913	20	19	18	17	16	16	16	18	18	17	19	19
1914	------	------	------	------	------	------	------	------	------	------	------	17
1915	18	19	18	18	17	17	17	17	17	18	18	13
1916	19	18	18	17	18	17	17	18	18	20	20	21
1917	21	22	21	21	21	21	23	23	24	26	28	28
1918	30	26	31	30	28	27	27	30	29	31	33	34
1919	35	33	33	30	32	31	32	33	34	34	34	37
1920	35	37	35	34	35	34	33	35	35	35	35	33
1921	32	28	31	30	29	27	26	26	26	30	27	28
1922	29	29	25	24	25	27	23	27	27	27	26	27
1923	29	30	29	27	28	27	27	28	------	------	------	------

[Dollars per 100 pounds]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1923	------	------	------	------	------	------	------	------	3.24	2.86	3.21	2.60
1924	2.60	2.60	2.45	2.44	2.30	2.40	2.30	2.15	2.25	2.40	2.50	2.60
1925	2.80	2.70	2.50	2.50	2.43	2.24	2.43	2.46	2.75	2.66	2.53	2.59
1926	2.64	2.59	2.62	2.51	2.39	2.36	2.62	2.30	2.39	2.73	2.70	2.75
1927	2.75	2.75	2.70	2.50	2.60	2.60	2.60	2.50	2.60	2.60	2.70	2.80

4% MILK[1]

[Cents per 100 pounds]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1910	165	185	175	165	152	135	120	140	158	167	180	193
1911	188	177	163	140	123	115	132	142	153	172	185	188
1912	187	185	163	152	137	122	138	155	162	173	180	187
1913	185	175	167	153	137	122	140	147	158	182	188	190
1914	189	177	167	156	132	130	142	153	167	181	190	192
1915	190	178	169	150	130	131	142	149	163	174	188	192
1916	190	181	170	163	145	136	146	160	172	215	235	235
1917	224	221	220	219	265	219	248	281	281	300	329	326
1918	370	363	359	297	267	238	263	304	339	374	409	428
1919	409	380	343	319	328	302	314	354	357	365	377	397
1920	391	382	370	330	323	332	345	382	395	395	395	347
1921	327	300	272	269	217	195	195	210	216	227	232	234
1922	217	202	190	176	170	172	186	197	214	245	266	275
1923	256	257	247	244	237	253	267	273	281	286	283	275
1924	265	256	252	245	221	219	227	245	248	248	271	270
1925	270	267	268	263	248	245	218	259	267	275	286	288
1926	274	269	264	253	231	226	240	259	288	295	311	314
1927	295	295	292	277	260	255	262	268	288	304	311	300

BUTTER

[Cents per pound]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1909	------	30	29	28	26	24	25	26	28	30	32	34
1910	34	32	30	30	28	26	26	28	30	22	32	34
1911	32	28	27	26	24	23	24	26	28	29	32	33
1912	34	34	32	31	30	28	26	28	29	31	33	34
1913	33	33	33	33	32	28	28	29	31	33	34	35
1914	34	33	31	29	27	26	26	28	30	32	33	34
1915	34	32	30	30	29	28	26	27	29	30	32	33
1916	33	32	32	32	30	28	28	30	32	35	38	39
1917	39	39	38	39	40	39	38	40	43	46	48	49
1918	50	50	48	46	45	42	43	46	48	53	58	62
1919	60	52	51	57	58	55	54	56	58	62	66	69
1920	69	67	65	65	64	61	59	60	62	64	64	62
1921	58	54	55	48	42	36	38	42	46	48	50	50
1922	46	42	40	40	40	37	38	39	40	43	48	50
1923	51	49	47	47	46	44	44	45	48	50	52	52
1924	51	50	49	46	42	39	39	42	42	42	44	46
1925	46	43	46	46	44	43	44	44	46	50	53	52
1926	50	48	46	46	45	44	43	42	45	47	50	53
1927	51	50	49	50	49	46	45	46	46	49	51	52

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[1] Prices used in Prof. F. P. Weaver's index numbers and purchasing power. Obtained by calculating Utica price to 4% butterfat basis and averaging this with the Philadelphia and Pittsburgh prices. See also discussion on page 213.

TABLE 162—Prices Received by Producers for Farm Products—Concluded

BUTTERFAT

[Cents per pound]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.
1920	------	------	------	------	------	------	------	------	57	58	65	59
1921	54	48	54	48	41	32	38	43	39	48	45	49
1922	50	40	38	37	37	28	32	32	40	42	48	52
1923	46	------	43	48	44	40	39	44	48	46	50	52
1924	56	50	50	43	40	43	40	40	42	38	42	------
1925	45	45	48	45	43	41	45	42	48	52	53	55
1926	51	52	49	45	45	43	45	48	45	46	48	50
1927	54	54	54	51	54	47	46	43	45	50	51	55

EGGS

[Cents per dozen]

1909	------	26	21	19	20	21	23	24	26	28	32	34
1910	34	31	24	20	20	22	22	24	25	28	32	36
1911	31	22	19	17	16	18	19	20	23	27	32	34
1912	34	32	25	20	19	20	21	23	26	30	34	34
1913	28	24	20	17	18	20	21	24	27	32	38	39
1914	34	30	27	18	18	20	21	23	26	29	35	38
1915	38	26	18	18	19	19	20	21	24	29	36	36
1916	33	26	23	20	20	21	24	27	30	35	40	42
1917	45	41	28	30	32	33	34	36	40	44	48	52
1918	55	53	33	33	34	35	40	42	45	51	60	66
1919	61	41	39	58	42	41	46	48	52	59	67	77
1920	72	61	48	41	41	42	45	48	55	63	74	72
1921	65	39	32	23	24	26	31	37	39	54	60	62
1922	45	38	24	22	24	25	26	27	33	43	50	56
1923	48	39	32	24	24	25	26	28	36	43	55	53
1924	41	40	25	22	22	25	27	33	38	45	58	62
1925	59	45	28	27	29	30	33	36	38	46	59	57
1926	45	38	31	28	27	29	30	32	37	46	68	60
1927	47	36	25	24	24	23	26	29	36	44	54	54

WOOL (UNWASHED)

[Cents per pound]

1910	31	30	30	29	31	27	24	21	23	22	24	22
1911	22	22	21	21	18	19	19	20	20	20	21	20
1912	21	20	19	21	21	23	24	24	24	23	23	23
1913	24	24	23	23	19	18	19	19	20	19	19	19
1914	20	20	20	20	20	21	22	23	21	21	22	22
1915	22	22	23	26	25	25	25	26	27	28	27	28
1916	28	28	31	28	32	33	33	35	34	33	34	35
1917	36	37	40	42	46	50	57	60	59	62	62	68
1918	65	70	74	73	68	69	66	67	68	67	68	67
1919	64	64	67	65	61	54	60	60	62	61	62	65
1920	62	59	65	68	70	40	35	33	35	27	28	24
1921	33	33	28	25	25	20	19	19	20	22	20	20
1922	20	25	29	30	31	34	34	35	35	34	35	37
1923	36	35	33	40	37	42	40	41	38	38	39	39
1924	41	42	40	39	46	------	38	38	40	45	46	47
1925	47	50	50	------	41	40	46	43	42	44	43	46
1926	46	44	44	43	36	37	37	38	38	37	40	39
1927	39	38	39	38	37	34	37	38	36	40	38	40

PRICE INDEX NUMBERS AND PURCHASING POWER OF FARM PRODUCTS IN PENNSYLVANIA

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Detailed figures on prices received by producers, index numbers, and purchasing power of Pennsylvania's leading farm products were published in November, 1923, in Extension Circular 101 of The Pennsylvania State College. These price statistics are here brought up to date and it is expected that their continuation will have place in future issues of this publication.

The prices are as published by the United States Department of Agriculture, for the 1st of the month for some products prior to January 1924 and for the 15th of the month in all other cases,[1] except in the case of milk. The milk price[2] is a simple arithmetic average of the prices for four per cent milk at country plants in the Pittsburgh district, the Utica pool price changed to a four per cent butterfat basis, and the Interstate price for four per cent milk at shipping stations sixty miles from Philadelphia. The Interstate price for any one month is calculated by using as weights the average quantities of basic, first surplus and second surplus milk received in that month during the years 1923 to 1925.

Calculation of Price and Purchase Indices

In calculating price indices, the average of the prices for five years, 1910 to 1914 inclusive, is used as the base, represented by 100. The succeeding Januaries are compared with the average of the five Januaries from 1910 to 1914 so that all influence of seasonal variation in prices is eliminated from the index numbers. Other months are compared similarly with their corresponding months in the base period. In calculating the average index number for twenty leading farm products in the State, the different commodity prices were multiplied by the estimated amounts of each of these products which the farmers of this State sell. The index number, therefore, represents approximately the incomes of Pennsylvania farmers as compared with the same months from 1910 to 1914.

The purchasing power is determined by dividing the index number of farm prices by the corresponding index number for wholesale prices in the United States. A purchasing power of 100 in any particular month for a certain farm product indicates that the price of that product bears the same relation to wholesale prices in the United States as it did on an average for the same months from 1910 to 1914. The actual purchasing power at local retail stores is somewhat lower than these figures indicate because the costs of retailing have increased very materially since 1910 and the margin between the retail price and wholesale price is wider than it used to be.

Purchasing Power in the Spring of 1927

In the spring of 1927, the composite purchasing power of 20 farm products in Pennsylvania was on a par with their average purchasing power in the five pre-war years, 1910 to 1914, although their composite price was 50 per cent above the pre-war average. Outstanding among the commodities which were above the composite purchasing power in the forepart of 1927 were potatoes, chickens, milk, butter, milk cows, lambs and wool. Prices of these commodities ranged from 51 to 93 per cent above their respective pre-war average.

The products which were below the composite purchasing power in the spring of 1927 were corn, wheat, oats, rye, buckwheat, hay, apples, eggs, horses, beef cattle and sheep. With the exception of horses, which were 30 per cent below the pre-war price level and 50 per cent lower in purchasing power, the prices of these commodities were all higher than their respective pre-war averages, but none of the price increases were in excess of 26 per cent.

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[1] The index number and purchasing power series were originally compiled on the basis of prices reported for some products on the 1st of the month and for others on the 15th. The series have not been revised for price of products which were converted from the 1st to the 15th of the month as explained in the second paragraph of the farm price discussion on page 199. These series therefore will not agree entirely with the data appearing in Table 162 but the variation is not sufficient to appreciably alter the price and purchase power indices.

[2] See Table 162, page 211.

TABLE 163—Basic Monthly Averages of Prices Paid to Producers for Farm Products, Pennsylvania, Five Year Period, 1910-1914[1]

Month	Corn cents per bu.	Wheat cents per bu.	Oats cents per bu.	Hay $ per ton	Potatoes cents per bu.	Apples cents per bu.	Rye cents per bu.	Buckwheat cents per bu.	Cabbage cents per cwt.	Chickens cents per lb.	Eggs cents per doz.
Jan. ----	67.4	97.4	46.2	16.14	71.2	79.4	77.4	67.2	160	12.4	34.6
Feb. ----	67.2	99.0	46.4	16.40	74.2	82.8	77.8	67.6	185	12.7	30.4
Mar. ---	68.4	100.0	48.2	16.42	74.0	89.0	78.0	67.6	207	13.0	25.8
April ---	69.6	100.2	49.0	16.68	74.4	95.4	79.2	69.0	236	13.7	19.8
May ----	71.2	99.4	50.0	17.02	75.8	102.4	79.0	70.0	271	14.0	18.2
June ---	73.8	100.6	50.8	17.28	76.2	103.0	80.2	72.4	282	14.0	19.2
July ----	74.6	98.4	51.0	16.44	82.2	78.6	79.8	73.8	278	14.1	20.6
Aug. ----	77.0	91.6	50.8	15.48	91.8	63.8	76.2	72.8	205	14.5	22.2
Sept. ---	80.6	94.2	46.8	15.36	81.8	60.4	76.4	71.0	201	14.3	24.4
Oct. ----	79.0	94.8	46.2	15.46	73.2	59.0	77.6	70.0	145	14.0	27.4
Nov. ---	71.0	95.4	45.6	15.56	66.0	66.0	77.2	68.6	117	13.5	31.6
Dec. ----	67.0	94.8	45.8	16.00	68.0	71.2	77.4	68.8	158	12.6	36.2
Ave. ----	72.2	97.2	48.2	16.18	75.8	79.2	78.0	70.0	284	13.6	25.87

Month	Butter cents per lb.	Milk cents per cwt.	Wool cents per lb.	Horses $ per head	Milk cows $ per head	Veal calves $ per cwt.	Hogs $ per cwt.	Beef cattle $ per cwt.	Lambs $ per cwt.	Sheep $ per cwt.
Jan. ------------	33.8	187	21.8	165.60	51.68	7.98	8.04	6.02	6.00	4.54
Feb. ------------	33.0	178	21.5	167.80	50.44	8.04	7.96	5.92	6.32	4.64
Mar. ------------	31.0	165	20.8	175.00	51.41	8.04	8.08	6.20	6.56	4.98
April ------------	30.2	151	22.8	178.80	53.40	7.70	8.28	6.46	6.82	5.16
May ------------	29.2	133	19.5	179.00	52.22	7.74	7.94	6.60	7.10	5.14
June ------------	29.0	122	20.5	177.20	53.06	7.84	7.84	6.66	7.08	4.90
July ------------	25.4	138	21.0	174.80	51.68	8.00	7.82	6.54	6.84	4.90
Aug. ------------	26.8	151	21.5	174.40	53.10	8.28	8.12	6.46	6.70	4.96
Sept. ------------	28.8	162	21.6	173.60	53.66	8.28	8.34	6.42	6.48	4.84
Oct. ------------	30.4	178	21.0	169.00	54.22	8.38	8.46	6.28	6.10	4.68
Nov. ------------	32.0	187	21.8	167.20	54.40	8.36	7.94	6.20	6.22	4.76
Dec. ------------	33.8	192	21.2	167.60	53.52	8.34	7.58	6.16	6.22	4.64
Ave. ------------	30.12	162	21.2	172.40	52.76	8.09	8.03	6.327	6.537	4.86

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[1] The average prices for these five years are used as the base—represented by 100—in the calculation of the price index numbers. See third paragraph of discussion on page 213.

TABLE 164—Yearly Averages[1] of Prices Paid to Producers for Farm Products, Pennsylvania, 1910-1927

Year	Corn cents per bu.	Wheat cents per bu.	Oats cents per bu.	Hay $ per ton	Potatoes cents per bu.	Apples cents per bu.	Rye cents per bu.	Buckwheat cents per bu.	Cabbage cents per cwt.	Chickens cents per lb.	Eggs cents per doz.
1910 -----	72	106	50	15.72	54	73	80	69	196	13.4	26.4
1911 -----	64	89	44	17.53	76	84	76	66	179	12.9	23.4
1912 -----	78	99	53	19.10	99	72	83	72	237	12.9	26.6
1913 -----	69	96	45	14.10	70	82	74	68	208	13.9	25.8
1914 -----	78	97	49	14.45	80	81	77	76	201	14.6	27.0
1915 -----	81	120	55	15.20	58	66	91	80	165	14.2	26.3
1916 -----	84	123	51	15.30	114	81	90	88	225	15.4	29.0
1917 -----	151	207	73	14.95	200	108	152	156	468	19.6	39.4
1918 -----	178	211	87	21.40	132	123	177	180	303	24.7	45.8
1919 -----	167	220	79	25.60	152	170	157	148	345	29.5	51.0
1920 -----	159	229	95	27.20	238	209	168	155	438	31.1	56.8
1921 -----	75	131	52	18.10	104	175	114	105	298	26.3	42.0
1922 -----	67	110	48	15.28	109	192	87	84	291	23.1	35.6
1923 -----	89	111	52	17.03	109	132	87	89	331	23.6	37.7
1924 -----	105	120	57	20.14	93	134	94	104	254	22.6	36.5
1925 -----	116	160	56	15.49	117	159	110	103	----	24.6	40.5
1926 -----	79	145	48	17.28	205	130	92	85	----	25.4	39.2
1927 -----	92	129	53	15.23	142	119	99	89	----	24.8	35.2

Year	Butter cents per lb.	4% Milk cents per cwt.	Wool cents per lb.	Horses $ per head	Milk cows $ per head	Veal calves $ per cwt.	Hogs $ per cwt.	Beef cattle $ per cwt.	Lambs $ per cwt.	Sheep $ per cwt.
1910 -------------	30.0	165	24	167	47.00	7.50	9.12	5.80	6.43	4.90
1911 -------------	27.7	157	20	172	47.30	7.45	7.17	5.43	6.00	4.55
1912 -------------	30.8	162	22	174	49.14	7.50	7.22	6.10	6.27	4.60
1913 -------------	31.8	162	21	176	57.85	8.75	8.25	6.95	6.76	4.90
1914 -------------	30.4	165	21	173	62.50	9.25	8.42	7.34	7.23	5.35
1915 -------------	30.1	163	25	161	61.30	8.85	7.43	7.02	7.44	5.45
1916 -------------	32.4	179	32	161	62.85	9.70	8.93	7.35	9.13	6.30
1917 -------------	41.0	259	52	164	74.10	12.40	14.57	9.51	12.44	9.30
1918 -------------	48.9	334	69	162	89.30	14.55	17.51	11.20	14.73	10.60
1919 -------------	57.8	354	62	152	102.30	15.95	17.43	11.72	14.20	9.70
1920 -------------	63.8	366	45	152	101.65	15.75	14.84	10.60	13.74	8.80
1921 -------------	47.3	240	24	137	69.40	10.80	9.29	7.41	9.06	5.45
1922 -------------	41.8	209	32	129	62.35	10.00	9.45	6.99	10.45	5.80
1923 -------------	47.9	263	38	118	65.70	10.42	8.68	7.23	10.93	6.32
1924 -------------	44.3	247	42	107	67.59	10.56	8.75	7.26	11.14	6.19
1925 -------------	46.4	265	44	112	67.69	11.13	12.28	7.80	12.41	6.99
1926 -------------	46.5	269	30	117	86.40	12.17	13.06	7.67	12.14	6.98
1927 -------------	48.7	285	38	121	99.50	12.39	11.17	8.39	11.78	7.00

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[1] Simple averages of 12 months.

TABLE 165—Index Numbers[1] of Prices of Farm Products, Pennsylvania, 1910-1927

[1910—1914=100]

Year and month	Corn	Wheat	Oats	Hay	Potatoes	Apples	Rye	Buckwheat	Cabbage	Chickens	Eggs
1910	100	109	104	97	71	92	103	98	96	99	102
1911	88	92	91	108	100	106	97	94	88	95	90
1912	108	102	110	118	131	91	106	103	116	95	103
1913	96	99	93	87	92	104	95	97	102	102	100
1914	108	99	102	89	106	102	99	109	99	107	104
1915	113	123	114	94	77	83	117	114	81	104	102
1916	116	126	106	95	150	102	115	126	110	113	112
1917	208	212	151	92	263	136	195	223	229	144	152
1918	247	217	180	132	174	155	227	257	149	182	177
1919	232	227	164	158	200	215	201	211	169	217	197
1920	220	236	197	168	313	264	215	221	215	229	220
1921	104	135	108	112	137	221	146	150	146	193	162
1922	93	113	100	95	144	242	112	120	143	170	137
1923	123	114	108	105	144	167	112	127	162	174	146
1924	145	123	118	124	123	169	121	149	125	166	141
1925	161	165	116	96	154	201	141	147	-------	181	157
1926	109	149	100	107	270	164	118	121	-------	187	152
1927	127	133	110	94	187	150	127	127	-------	182	136
1923											
October	127	102	106	132	198	181	106	124	159	179	150
November	148	104	116	129	167	156	106	137	215	178	165
December	136	106	114	134	154	155	118	132	154	175	163
1924											
January	128	110	119	136	145	141	114	137	187	177	119
February	132	113	118	146	139	144	112	136	-------	173	132
March	134	114	114	145	135	147	113	142	-------	175	97
April	129	110	112	138	130	136	107	135	-------	168	111
May	129	111	112	136	119	127	114	143	-------	169	121
June	122	108	110	135	117	160	107	131	-------	179	130
July	134	114	116	134	122	254	114	136	-------	163	131
August	157	136	124	108	117	221	129	179	-------	159	149
September	155	132	128	102	110	190	126	181	-------	154	156
October	166	139	126	103	113	186	135	164	-------	163	164
November	176	150	123	106	117	182	146	160	-------	159	184
December	179	161	129	97	115	197	142	157	-------	168	171
1925											
January	185	178	141	103	98	180	155	156	-------	181	171
February	201	188	138	98	102	169	163	161	-------	181	148
March	200	188	137	89	103	188	167	160	-------	194	109
April	186	155	118	88	98	208	138	148	-------	191	136
May	174	166	116	86	88	155	156	166	-------	182	159
June	178	174	120	90	88	194	145	166	-------	189	156
July	170	165	116	96	198	244	138	150	-------	177	160
August	162	159	108	92	206	243	138	158	-------	178	162
September	140	154	105	103	139	199	130	144	-------	178	156
October	119	145	102	101	156	241	122	120	-------	171	168
November	113	151	103	104	201	206	120	121	-------	176	187
December	118	167	105	103	307	219	124	128	-------	184	157
1926											
January	126	172	110	100	313	199	127	128	-------	191	130
February	121	171	106	100	334	193	126	112	-------	196	125
March	117	161	102	101	324	178	122	121	-------	196.	120
April	113	159	102	98	363	162	120	122	-------	196	141
May	109	162	100	103	376	166	115	123	-------	190	148
June	104	150	96	105	302	160	111	124	-------	191	151
July	102	145	96	109	262	191	109	121	-------	189	146
August	108	141	93	109	163	172	118	128	-------	179	144
September	100	130	100	113	183	166	118	131	-------	180	152
October	104	131	102	116	198	136	112	121	-------	175	168
November	111	133	105	113	235	129	119	121	-------	180	215
December	113	137	107	114	228	112	123	122	-------	184	138
1927											
January	111	134	108	115	218	113	124	127	-------	195	136
Feb.	119	132	110	111	195	115	123	126	-------	195	118
March	113	129	106	107	182	101	121	126	-------	195	97
April	112	126	106	102	175	100	114	125	-------	193	121
May	119	130	108	100	189	98	123	124	-------	188	132
June	131	133	110	98	263	121	127	135	-------	186	120
July	137	136	112	91	225	165	127	136	-------	174	126
August	143	130	108	81	153	219	130	133	-------	165	131
September	144	136	113	85	147	215	132	132	-------	168	148
October	133	133	115	78	157	229	129	117	-------	174	161
November	130	133	116	80	182	220	131	117	-------	176	171
December	133	137	120	78	176	211	136	119	-------	184	149

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[1] The index of commodity price, whether monthly or yearly average, is derived by dividing it by the corresponding average monthly or yearly 1910-1914 base price.

TABLE 165—Index Numbers of Prices of Farm Products, Pennsylvania, 1910-1927—Concluded

[1910—1914=100]

Year and month	Butter	Milk	Wool	Horses	Milk cows	Veal calves	Hogs	Beef cattle	Lambs	Sheep	U. S. whole-sale prices[2]
1910	100	102	113	97	89	93	114	92	98	101	103
1911	92	97	94	100	90	92	89	86	92	94	95
1912	102	100	104	101	93	93	90	96	96	95	101
1913	106	100	97	102	110	108	103	110	103	101	102
1914	101	102	99	100	118	114	105	116	111	110	100
1915	100	101	118	93	116	109	93	111	114	112	103
1916	107	110	151	93	119	120	111	116	140	130	130
1917	136	150	245	95	140	153	181	150	190	191	181
1918	163	206	323	94	169	180	218	178	225	218	198
1919	192	219	292	88	194	197	217	185	217	200	210
1920	212	226	212	88	193	195	185	168	210	181	231
1921	157	148	113	79	132	133	116	117	139	112	150
1922	139	129	151	75	118	124	118	111	160	119	152
1923	159	162	179	68	125	129	108	114	167	130	156
1924	147	152	198	62	128	131	109	115	170	127	152
1925	154	164	208	65	128	138	153	123	190	144	162
1926	154	166	184	68	164	150	163	121	186	144	154
1927	162	176	179	70	189	153	139	133	180	144	149
1923											
October	161	161	181	65	122	130	104	115	189	145	156
November	159	151	179	63	121	128	111	111	165	137	155
December	157	144	184	60	118	128	109	114	162	131	154
1924											
January	151	142	189	60	126	135	104	116	175	134	154
February	152	144	195	63	131	137	114	118	176	142	155
March	155	153	193	63	130	138	100	119	175	139	153
April	152	162	171	63	124	138	98	118	176	126	151
May	144	166	236	61	128	132	98	114	162	126	150
June	134	180	229	60	128	131	98	113	169	122	148
July	154	164	181	63	128	124	100	110	161	114	150
August	157	162	177	63	113	126	117	115	161	117	153
September	146	153	185	63	129	128	112	112	170	122	152
October	138	139	214	65	127	125	118	116	177	130	155
November	138	145	211	63	130	127	128	113	167	126	156
December	136	141	222	63	127	129	132	115	177	136	160
1925											
January	136	145	216	63	133	138	128	121	200	141	163
February	130	151	233	60	129	141	134	123	209	159	164
March	148	162	241	63	124	139	150	121	200	159	164
April	152	174	------	66	135	149	151	127	198	159	159
May	151	186	210	69	134	134	151	123	190	144	158
June	148	201	195	65	137	134	157	122	176	127	160
July	173	180	219	65	132	133	169	125	171	143	163
August	164	172	200	65	135	138	167	128	173	127	163
September	160	165	194	71	140	138	158	123	179	130	163
October	164	154	210	75	145	138	152	124	193	145	160
November	166	153	197	57	144	139	155	118	191	151	160
December	154	150	217	62	145	145	158	125	202	146	159
1926											
January	148	147	211	69	155	153	162	131	205	170	159
February	145	151	205	68	162	162	161	130	199	164	158
March	148	160	212	71	157	153	155	127	186	155	154
April	152	168	189	69	167	169	155	124	172	136	154
May	154	174	185	70	169	141	160	115	179	146	155
June	152	185	180	68	168	148	176	119	188	153	155
July	169	174	176	65	172	145	175	112	181	137	154
August	157	172	177	61	154	143	163	118	169	133	152
September	156	178	176	68	173	152	159	117	185	130	154
October	155	166	176	73	162	148	157	118	193	150	153
November	156	166	183	71	167	148	166	123	188	130	151
December	157	164	184	65	159	146	165	125	188	129	150
1927											
January	151	158	179	66	170	153	156	133	185	134	150
February	152	166	177	70	178	157	156	139	182	140	149
March	158	177	188	70	177	157	150	129	183	139	148
April	166	184	167	71	178	157	143	125	177	151	147
May	168	195	190	70	186	146	141	124	180	146	147
June	159	209	166	69	185	151	134	131	181	153	146
July	177	190	176	72	193	151	127	131	180	143	147
August	172	178	177	72	188	147	127	130	164	137	149
September	160	178	167	68	190	155	127	131	174	140	152
October	161	171	190	71	203	156	135	135	190	139	153
November	159	166	174	70	204	154	137	137	183	147	152
December	154	161	189	70	209	156	136	148	185	155	152

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[2] Index numbers of wholesale prices of over four hundred commodities as reported by U. S. Bureau of Labor Statistics; converted from 1913 base to 1910-1914 base by dividing by 0.98.

TABLE 166—Purchasing Power[1] of Farm Products, Pennsylvania, 1910-1927

Year and month	Corn	Wheat	Oats	Hay	Potatoes	Apples	Rye	Buckwheat	Cabbage	Chickens	Eggs
1910	97	106	101	94	69	89	100	95	93	96	99
1911	93	97	96	114	105	112	102	99	93	100	95
1912	117	101	109	117	130	90	105	102	115	94	102
1913	94	97	91	85	90	102	93	95	100	100	98
1914	108	99	102	89	106	102	99	109	99	107	104
1915	110	119	111	91	75	81	114	111	79	101	99
1916	89	97	82	73	115	79	88	97	85	87	86
1917	115	117	83	51	145	75	108	123	127	80	84
1918	125	110	91	67	88	78	115	130	75	92	89
1919	110	108	78	75	95	102	96	100	80	103	94
1920	95	102	85	73	135	114	93	96	93	99	95
1921	69	90	72	75	91	147	97	100	97	129	108
1922	61	74	66	62	95	159	74	79	94	112	90
1923	79	73	69	67	92	107	72	81	104	112	94
1924	92	81	78	82	81	111	80	98	82	109	93
1925	99	102	72	59	95	124	87	91	--------	112	97
1926	71	97	65	70	175	107	77	79	--------	121	99
1927	85	89	74	63	126	101	85	85	--------	122	91
1923											
October	81	65	68	85	127	116	68	79	102	115	96
November	96	67	75	83	108	101	68	88	139	115	106
December	88	69	74	87	100	101	77	86	100	114	106
1924											
January	83	71	77	88	94	92	74	89	--------	115	77
February	85	73	76	94	90	93	72	88	--------	112	85
March	88	75	75	95	88	96	74	93	--------	114	63
April	85	73	74	91	86	90	71	88	--------	111	74
May	86	74	75	91	79	85	76	95	--------	113	81
June	82	73	74	91	79	108	72	89	--------	121	88
July	89	76	77	89	81	169	76	91	--------	109	87
August	103	89	81	71	76	144	84	117	--------	104	97
September	102	87	84	67	72	125	83	119	--------	101	103
October	107	90	81	66	73	120	87	106	--------	105	106
November	113	96	79	68	75	117	94	103	--------	102	118
December	112	101	81	61	72	123	89	98	--------	105	107
1925											
January	113	109	87	63	60	110	95	96	--------	111	105
February	123	115	84	60	62	103	99	98	--------	110	90
March	122	115	80	54	63	115	102	98	--------	118	66
April	117	97	74	55	62	131	87	93	--------	120	86
May	110	105	73	54	56	98	99	105	--------	115	101
June	111	100	75	56	55	121	91	104	--------	118	98
July	104	101	71	59	121	150	85	92	--------	109	98
August	99	98	66	56	126	149	85	97	--------	109	99
September	86	94	64	63	85	122	80	88	--------	109	96
October	74	91	64	63	98	151	76	75	--------	107	105
November	71	94	64	65	182	129	75	76	--------	110	117
December	74	105	66	65	193	138	78	81	--------	116	99
1926											
January	79	108	69	63	197	125	80	81	--------	120	82
February	77	108	67	63	211	122	80	71	--------	124	79
March	76	105	66	66	210	116	79	79	--------	127	78
April	73	103	66	64	236	105	78	79	--------	127	92
May	70	105	65	66	243	107	74	79	--------	123	95
June	67	97	62	68	195	103	72	80	--------	123	97
July	66	94	62	71	170	124	71	79	--------	123	95
August	71	93	61	72	107	113	78	84	--------	118	95
September	65	84	65	73	119	108	77	85	--------	117	99
October	68	86	67	76	129	89	73	79	--------	114	110
November	74	88	70	75	156	85	79	80	--------	119	142
December	75	91	71	76	152	75	82	81	--------	123	92
1927											
January	74	89	72	76	145	76	83	84	--------	130	91
February	80	89	74	75	131	77	83	84	--------	131	80
March	76	87	72	72	123	68	81	85	--------	132	66
April	76	86	72	69	119	68	78	85	--------	131	82
May	81	88	73	68	129	67	84	84	--------	128	90
June	90	91	75	67	179	83	87	92	--------	127	82
July	93	93	76	62	153	112	86	93	--------	118	86
August	96	93	72	54	103	147	87	89	--------	111	88
September	95	89	74	56	97	141	87	87	--------	111	97
October	87	87	75	51	103	150	84	76	--------	114	105
November	86	88	76	53	120	145	83	77	--------	116	112
December	88	90	79	51	116	139	89	78	--------	121	98

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[1] The monthly or yearly price index divided by the corresponding monthly or yearly wholesale index.

TABLE 166—Purchasing Power of Farm Products, Pennsylvania—Concluded

Year and month	Butter	Milk	Wool	Horses	Milk cows	Veal calves	Hogs	Beef cattle	Lambs	Sheep
1910	97	99	110	94	86	90	111	89	95	98
1911	97	102	99	105	95	97	94	91	97	99
1912	101	99	103	100	92	92	89	95	95	94
1913	104	98	95	100	103	106	101	108	101	99
1914	101	102	99	100	118	114	105	116	111	110
1915	97	98	114	90	113	106	90	108	111	109
1916	85	85	116	72	92	92	85	89	108	100
1917	75	88	135	52	77	85	100	83	105	106
1918	82	104	163	47	85	91	110	90	114	110
1919	91	104	139	42	92	94	103	88	103	95
1920	92	98	92	38	84	84	80	73	91	78
1921	105	99	75	53	88	89	77	78	93	75
1922	91	85	99	49	78	82	78	74	105	78
1923	102	104	115	44	80	83	69	73	107	83
1924	97	100	130	41	84	86	72	76	112	84
1925	95	161	128	40	79	85	95	76	117	89
1926	100	108	119	44	107	97	106	79	121	94
1927	109	118	120	47	127	103	93	89	121	97
1923										
October	103	103	116	42	78	83	67	74	121	93
November	103	97	115	41	78	83	72	72	106	88
December	102	94	119	39	77	83	71	74	105	85
1924										
January	98	92	123	39	82	88	68	75	114	87
February	98	93	126	41	85	88	74	76	114	92
March	101	100	126	41	85	90	65	78	114	91
April	101	107	113	42	82	91	65	78	114	83
May	96	111	157	41	85	88	65	76	108	84
June	91	122	155	41	86	89	66	76	114	82
July	103	109	121	42	85	83	67	73	107	76
August	103	106	116	41	74	82	76	75	105	76
September	96	101	122	41	85	84	74	74	112	80
October	89	90	138	42	82	81	76	75	114	84
November	88	93	135	40	83	81	82	72	107	81
December	85	88	139	39	79	81	83	72	111	85
1925										
January	83	89	133	39	82	85	79	74	123	87
February	79	92	142	37	79	86	82	75	127	97
March	90	99	147	38	76	85	91	74	122	97
April	96	109	--------	42	85	94	95	80	125	100
May	96	118	133	44	85	85	96	78	120	91
June	93	126	121	41	86	84	98	76	110	79
July	106	110	134	40	81	82	104	77	105	88
August	101	106	123	40	83	85	102	79	106	80
September	98	101	119	44	86	85	97	75	110	80
October	103	96	131	47	91	86	95	78	121	91
November	104	96	123	36	90	87	97	74	119	94
December	97	94	136	39	91	91	99	79	127	92
1926										
January	93	92	133	43	97	96	102	82	129	107
February	92	96	130	43	103	103	102	82	126	104
March	96	104	138	46	102	99	101	82	121	101
April	99	109	123	45	108	110	101	81	112	88
May	99	112	119	45	109	91	103	74	115	94
June	98	119	116	44	108	95	114	77	121	99
July	110	113	114	42	112	94	114	73	118	89
August	103	113	116	40	101	94	107	78	111	88
September	101	116	114	44	112	99	103	76	120	84
October	101	108	115	48	106	97	103	77	126	98
November	103	110	121	47	111	98	110	81	125	86
December	105	109	123	43	106	97	110	83	125	86
1927										
January	101	105	120	44	114	102	104	89	123	90
February	102	111	119	47	120	105	105	93	122	100
March	107	120	127	47	120	106	101	87	124	94
April	113	125	114	48	121	107	97	85	120	103
May	114	133	129	48	127	99	96	84	122	99
June	109	143	114	47	128	103	92	90	124	105
July	120	129	120	49	131	103	86	89	122	97
August	115	119	119	48	126	99	85	87	110	92
September	105	117	110	45	125	102	84	86	114	92
October	105	112	124	46	133	102	88	88	124	91
November	105	109	114	46	134	101	90	90	120	97
December	101	106	124	46	138	103	89	97	122	102

TABLE 167—Composite Index Numbers of the Prices of 20 Farm Products, Pennsylvania, 1910-1927

[1910-1914=100]

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year	U. S. whole sale price[1]
1910 -------	101	101	102	102	101	98	97	99	99	98	98	98	99	103
1911 -------	99	94	91	89	88	90	93	96	96	96	96	97	94	95
1912 -------	99	103	103	103	109	108	105	101	98	96	97	98	101	101
1913 -------	97	96	98	98	99	99	101	101	102	105	105	105	100	102
1914 -------	105	105	105	104	103	103	104	103	105	104	103	102	103	100
1915 -------	105	105	105	100	103	105	103	99	99	100	103	102	102	103
1916 -------	105	107	108	110	113	114	113	111	116	123	132	132	115	130
1917 -------	132	144	160	161	192	192	188	177	175	175	178	174	170	181
1918 -------	185	191	197	183	186	184	185	199	201	203	205	205	193	198
1919 -------	200	199	191	196	215	216	217	224	215	206	202	206	206	210
1920 -------	211	219	223	220	241	255	244	231	213	201	194	175	217	231
1921 -------	169	159	149	141	133	129	126	138	138	134	134	135	140	150
1922 -------	129	128	130	125	131	134	128	123	117	123	129	134	127	152
1923 -------	132	132	132	132	140	144	141	143	144	142	141	128	138	156
1924 -------	131	133	133	132	130	136	136	142	137	137	144	146	136	152
1925 -------	146	146	148	149	152	158	163	162	152	151	160	160	154	162
1926 -------	157	160	159	165	169	168	163	152	156	154	154	157	160	154
1927 -------	151	150	149	150	155	162	159	152	152	155	157	151	153	149

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[1] Wholesale prices from U. S. Bureau of Labor Statistics divided by 0.98 to convert from a 1913 base to a 1910-14 base.

TABLE 168—Composite Purchasing Power[1] of 20 Farm Products, Pennsylvania, 1910-1927

Year	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Year
1910 -------------	97	97	97	98	98	95	95	97	96	96	96	96	96
1911 -------------	104	99	96	94	94	96	98	101	101	101	101	102	99
1912 -------------	100	104	103	101	107	107	103	100	96	94	95	96	100
1913 -------------	95	94	96	96	98	98	99	99	98	102	103	104	98
1914 -------------	105	104	105	104	104	104	105	100	101	105	104	103	103
1915 -------------	105	104	104	99	101	104	101	97	97	96	97	93	99
1916 -------------	91	91	89	90	91	90	90	86	87	88	89	87	89
1917 -------------	85	90	97	91	103	102	98	92	92	94	95	94	94
1918 -------------	98	101	103	94	96	94	93	98	97	98	99	100	97
1919 -------------	99	101	96	97	104	104	100	102	100	96	91	90	98
1920 -------------	88	92	93	88	96	103	99	98	92	93	97	96	94
1921 -------------	98	98	94	93	90	89	88	95	96	92	93	94	93
1922 -------------	91	89	90	86	87	88	81	78	75	78	81	84	84
1923 -------------	83	83	81	81	88	92	92	94	92	91	91	90	88
1924 -------------	85	86	87	87	87	92	91	93	90	88	92	91	89
1925 -------------	90	89	90	94	96	99	100	99	93	94	100	101	95
1926 -------------	99	101	103	107	109	108	106	100	101	101	109	105	104
1927 -------------	100	101	100	102	105	111	108	102	100	101	103	99	103

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[1] The monthly or yearly price index divided by the corresponding monthly or yearly wholesale index.

VALUE OF PENNSYLVANIA FARM LANDS

The values of all farm lands have been collected since 1912 and inquiries on plow land values were added in 1916. The data for Pennsylvania have not previously been published as an entire series, except in Statistical Bulletin 14 of the U. S. Department of Agriculture.

Land values are reported on March 1 each year and represent the average of reporters' judgment of values in their localities. They are of use principally in constructing index numbers to show the relative changes in land values over a period of years.

TABLE 169—Value of Farm Lands[1], Pennsylvania and Selected States, and United States, 1912-1926

Year	Farm lands with improvements[2]						Farm lands without improvements					
	Pa.	N. Y.	N. J.	Ohio	Ill.	Iowa	Pa.	N. Y.	N. J.	Ohio	Ill.	Iowa
1912	$53	$65	$93	$77	$119	$106	$35	$36	$56	$56	$96	$83
1913	58	70	95	81	124	118	36	42	53	59	98	95
1914	64	67	100	82	130	125	37	40	55	60	102	99
1915	64	65	90	86	126	134	37	39	50	63	100	108
1916	65	67	100	91	130	153	41	42	55	67	105	125
1917	72	72	105	96	140	156	50	46	60	71	115	128
1918	77	70	121	106	150	174	49	46	73	78	126	145
1919	79	75	113	109	164	192	50	50	68	83	134	158
1920	92	88	125	130	204	255	58	58	73	96	165	205
1921	85	84	125	109	185	230	54	55	75	78	150	185
1922	78	82	123	100	155	194	49	53	75	70	125	152
1923	79	79	125	101	152	186	48	50	75	70	122	148
1924	75	74	123	94	143	170	44	44	73	70	112	133
1925	77	73	124	92	146	162	46	43	72	63	114	125
1926	77	74	130	91	140	155	46	45	77	63	111	120

Year	Pennsylvania		All plow lands						United States				
									All farm lands		Plow lands		
	Poor plow-lands	Good plow-lands	Pa.	N. Y.	N. J.	Ohio	Ill.	Iowa	With improvements	Without improvements	Poor	Good	All
1912	------	------	------	------	------	------	------	------	$58.05	$40.81	------	------	------
1913	------	------	------	------	------	------	------	------	61.50	43.05	------	------	------
1914	------	------	------	------	------	------	------	------	64.53	45.04	------	------	------
1915	------	------	------	------	------	------	------	------	64.83	45.80	------	------	------
1916	$32	$66	$50	$53	$65	$75	$115	$135	69.30	50.97	$40	$73	$59
1917	36	73	57	55	69	80	120	140	74.52	56.07	43	78	62
1918	37	79	58	58	78	86	132	154	81.69	62.91	48	85	68
1919	38	79	60	60	76	91	144	169	89.17	68.47	51	92	74
1920	40	86	66	64	80	105	170	219	107.89	81.42	61	113	90
1921	39	81	62	65	92	88	157	200	99.33	74.46	57	106	84
1922	33	73	54	62	84	78	131	163	85.26	63.18	47	89	70
1923	35	73	54	59	83	78	126	153	82.25	61.26	45	85	67
1924	32	68	53	54	82	75	120	143	78.82	58.35	43	82	64
1925	32	69	53	53	84	70	123	135	77.83	56.81	42	80	63
1926	32	69	53	54	86	69	118	131	76.47	56.27	42	79	62

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[1] The land value series are being analyzed and revised by the Division of Land Economics. U. S. Department of Agriculture, and are to be published in a complete preliminary report on the general farm real estate situation. (Circular No. 15, USDA, "The Farm Real Estate Situation, 1926-1927".)

[2] These figures may be regarded as rough indices of change but should not be taken as too closely expressing actual average values.

All land value series, other than the "Farm land with improvements", were discontinued in 1927.

TABLE 170—Wage Rates for Hired Farm Labor, Pennsylvania and the United States, 1866-1927[1]

Year and month	PENNSYLVANIA				UNITED STATES					
	Rates per month		Rates per day		Rates per month		Rates per day		Weighted average wage rate per month[2]	Index numbers of farm wages [1910-1914=100]
	With board	Without board	With board	Without board	With board	Without board	With board	Without board		
1866[3]	$13.26	$21.06	$0.77	$1.12	$10.09	$15.50	$0.64	$0.90	$13.14	55
1869	13.25	21.05	.76	1.05	9.97	15.50	.63	.87	12.93	54
1874 or 1875	13.97	22.47	.82	1.19	11.10	17.10	.68	.94	14.19	59
1877 or 1879[4]	11.39	19.80	.63	.95	10.86	16.79	.61	.84	13.34	56
1879 or 1880	12.60	20.25	.68	.99	11.70	17.53	.64	.89	14.14	59
1880 or 1881	13.80	22.47	.75	1.05	12.32	18.52	.67	.92	14.82	62
1881 or 1882	14.21	22.88	.85	1.20	12.88	19.11	.70	.97	15.48	65
1884 or 1885	14.12	22.52	.80	1.10	13.08	19.22	.71	.96	15.58	65
1887 or 1888	14.50	22.24	.82	1.10	13.29	19.67	.72	.98	15.87	66
1889 or 1890	14.60	22.80	.81	1.00	13.29	19.45	.72	.97	15.79	66
1891 or 1892	15.00	23.00	.81	1.10	13.48	20.02	.73	.98	16.06	67
1893	14.19	22.84	.81	1.09	13.85	19.97	.72	.92	15.93	67
1894	13.03	21.32	.74	1.00	12.70	18.57	.65	.84	14.60	61
1895	13.66	21.93	.78	1.04	12.75	18.74	.65	.85	14.69	62
1898	13.56	21.68	.80	1.09	13.29	19.16	.71	.94	15.58	65
1899	14.32	22.71	.84	1.15	13.90	19.97	.75	.99	16.34	68
1902	16.09	25.61	.93	1.28	15.51	22.12	.83	1.09	18.12	76
1906	18.79	28.24	1.06	1.42	18.73	26.19	1.03	1.32	21.92	92
1909	19.69	29.45	1.04	1.41	20.48	28.09	1.04	1.31	23.00	96
1910	18.75	29.00	1.04	1.40	19.58	28.04	1.07	1.40	23.08	97
1911	19.20	30.00	1.09	1.45	19.85	28.33	1.07	1.40	23.25	97
1912	19.80	30.20	1.12	1.51	20.40	29.14	1.12	1.44	24.01	101
1913	20.60	32.00	1.17	1.58	21.27	30.21	1.15	1.48	24.83	104
1914	20.40	31.20	1.17	1.52	20.90	29.72	1.11	1.44	24.26	101
1915	21.00	32.00	1.15	1.55	21.08	29.97	1.12	1.45	24.40	102
1916	24.00	36.30	1.42	1.85	23.04	32.58	1.24	1.60	26.83	112
1917	30.00	45.00	1.80	2.35	28.64	40.19	1.56	2.00	33.42	140
1918	34.00	52.00	2.27	2.95	35.12	49.13	2.05	2.61	42.12	176
1919	37.80	59.00	2.45	3.20	40.14	56.77	2.44	3.10	49.11	206
1920	47.00	69.70	3.15	3.90	47.24	65.05	2.84	3.56	57.01	239
1921	35.00	52.00	2.05	2.70	30.25	43.58	1.66	2.17	35.77	150
1922	33.00	50.90	2.10	2.70	29.31	42.09	1.64	2.14	34.91	146
1923	38.00	55.50	2.48	3.15	33.09	46.74	1.91	2.45	39.64	166
1924	39.05	58.30	2.33	3.27	33.34	47.22	1.88	2.44	39.67	166
1925	39.25	58.63	2.56	3.35	33.88	47.80	1.89	2.46	40.12	168
1926	40.38	60.25	2.58	3.32	34.86	48.86	1.91	2.49	40.92	171
1923—January	34.00	52.00	2.05	2.70	27.87	40.50	1.46	1.97	32.61	137
April	36.00	55.00	2.15	2.90	30.90	44.41	1.55	2.09	35.42	148
July	38.38	56.76	2.32	3.21	34.64	48.61	1.84	2.44	40.30	169
October	43.00	62.00	2.85	3.00	34.56	48.42	2.02	2.58	41.52	174
1924—January	38.00	58.00	2.50	3.30	31.55	45.53	1.79	2.38	38.01	159
April	39.50	59.00	2.50	3.30	33.57	47.38	1.77	2.34	38.95	163
July	39.40	58.35	2.45	3.20	34.34	48.02	1.87	2.43	40.15	168
October	39.85	58.90	2.55	3.40	34.38	48.46	1.93	2.51	40.81	171
1925—January	37.45	56.95	2.45	2.95	31.07	45.04	1.74	2.31	37.24	156
April	39.00	58.50	2.45	3.25	33.86	47.40	1.77	2.33	39.04	163
July	40.00	59.00	2.55	3.35	34.94	48.55	1.89	2.44	40.62	170
October	39.50	58.50	2.60	3.40	34.91	48.99	1.95	2.53	41.28	173
1926—January	38.50	58.50	2.50	3.25	31.82	46.26	1.76	2.33	37.94	159
April	40.00	60.25	2.45	3.25	34.38	48.40	1.78	2.35	39.56	166
July	40.50	60.00	2.60	3.30	36.10	49.80	1.91	2.48	41.59	174
October	41.75	60.00	2.60	3.35	36.00	50.10	1.97	2.55	42.10	176
1927—January	39.25	60.75	2.55	3.35	32.94	47.07	1.79	2.36	38.79	162
April	41.25	62.00	2.50	3.25	34.53	48.47	1.78	2.37	39.71	166
July	40.00	61.00	2.60	3.40	35.59	49.52	1.89	2.44	41.07	172
October	41.00	61.50	2.60	3.40	35.68	49.77	1.96	2.51	41.71	175

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[1] Yearly averages from reports by crop reporters, giving average wages for the year in their localities, except for 1924-1926, when the wage rates per month are a straight average of quarterly rates, April, July, October of the current year, and January of the following year; and the wage rates per day are a weighted average of quarterly rates, April (weight 1), July (weight 5). October (weight 5). January of the following year (weight 1).

[2] This column has significance only as an essential step in computing the wage index.

[3] Years 1866 to 1878, inflation years, in gold.

[4] 1877 or 1878, 1878 or 1879 (combined).

WAGES OF HIRED FARM LABOR

Wage data are published quarterly in the monthly publication, Crops and Markets. The information for Pennsylvania has not heretofore been published as an entire series, except in Statistical Bulletin 14 of the U. S. Department of Agriculture.

The series of wages per day "other than harvest labor" published annually prior to 1924 was found to be reasonably comparable with wage statistics collected quarterly. The annual data reported through 1923 overlapped the new quarterly series beginning in January 1923, thus providing means of computing averages for later years by some combination of the quarterly rates.

To what specific years the inquiries in the spring of 1875 and from then on to 1892 apply is not indicated by the records. From 1866 to 1890, the rates by the month apply to labor hired by the year; since 1891, no distinction has been made between labor hired by the year and that hired by the season.

TABLE 171—Farm Labor: Supply and Demand, Pennsylvania and United States, 1918-1927

Year on April 1	PENNSYLVANIA			UNITED STATES		
	Per cent of normal supply	Per cent of normal demand	Potential supply [1]	Per cent of normal supply	Per cent of normal demand	Potential supply [1]
1918	60	98	61	73.4	101.4	72.3
1919	88	101	87	84.6	101.7	83.2
1920	64	105	61	72.9	105.2	69.3
1921	94	90	104	95.5	87.3	109.4
1922	102	95	107	99.7	88.8	112.3
1923	75	95	79	84.2	93.6	90.0
1924	79	89	89	84.1	90.6	92.8
1925	85	91	93	90.0	90.4	99.5
1926	88	91	97	89.2	91.0	98.1
1927	85	87	98	90.8	88.6	102.5

PENNSYLVANIA, by Months, 1923—1927

Year and month	Supply	Demand	Potential supply [1]
1923			
Oct. 1	70	90	78
Nov. 1	67	90	74
Dec. 1	70	88	80
1924			
Jan. 1	81	88	92
Feb. 1			
Mar. 1	74	88	84
Apr. 1	79	89	89
May 1	80	93	86
June 1	82	91	90
July 1	83	89	93
Aug. 1	85	90	94
Sept. 1	83	91	91
Oct. 1	84	90	93
Nov. 1	82	90	91
Dec. 1	87	87	100
1925			
Jan. 1	90	89	101
Feb. 1	89	88	101
Mar. 1	84	87	97
Apr. 1	85	91	93
May 1	88	91	97
June 1	86	90	96
July 1	86	91	95
Aug. 1	84	90	93
Sept. 1	84	90	93
Oct. 1	82	88	93
Nov. 1	84	90	93
Dec. 1	88	90	98
1926			
Jan. 1	90	89	101
Feb. 1	91	88	103
Mar. 1	88	90	98
Apr. 1	88	91	97
May 1	84	92	91
June 1	85	89	96
July 1	85	91	93
Aug. 1	84	91	92
Sept. 1	83	89	93
Oct. 1	82	91	90
Nov. 1	82	93	88
Dec. 1	85	91	93
1927			
Jan. 1	84	87	97
Feb. 1	88	87	101
Mar. 1	84	84	100
Apr. 1	85	87	98
May 1	85	90	94
June 1	90	90	100
July 1	84	89	94
Aug. 1	85	90	94
Sept. 1	86	87	99
Oct. 1	88	88	100
Nov. 1	89	89	100
Dec. 1	92	88	105
1928			
Jan. 1	91	86	106

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[1] The percentage which supply is of demand, i. e., the extent to which the available supply meets the demand.

NUT PRODUCTION

In 1899, Pennsylvania was second only to California in the production and value of nuts, the census of 1900 reporting a production of 3,795,804 pounds with a gross valuation of $90,447. In 1909, the State followed California and Texas in production, with 5,065,500 pounds valued at $91,149.

At the 1920 census the production and value of pecans only was obtained, showing production to have decreased from 14,885 pounds in 1909 to little more than 100 pounds in 1919 for this variety. Pecans were less than one-half per cent of the total nut production in 1909. The figures of the two previous censuses included also almonds, Persian or English Walnuts, black walnuts and several other varieties.

Estimates made in 1918 indicated that 71 per cent of the farm labor was hired with board. Farm labor hired by the month with and without board was 40 and 14 per cent respectively, by the day (except extra harvest labor) 20 and 9 per cent and extra harvest labor 11 and 6 per cent. About 4 per cent of the grain harvest work was reported as being done by transient labor.

The estimated average length of day required of hired farm labor is 10 hours in spring, 10 hours 40 minutes in summer, 9 hours 40 minutes in fall and 8 hours 40 minutes in winter.

The amount of farm work done each month is estimated to be 2.3 per cent in January, 2.4 in February, 4.3 in March, 8.8 in April, 11.6 in May, 12.1 in June, 14.5 in July, 12.4 in August, 11.7 in September, 10.1 in October, 6.7 in November and 3.1 in December.

DOMESTIC ANIMALS NOT ON FARMS

At the census of 1910, the number of animals not on farms in Pennsylvania January 1, i. e., in cities and villages, was: horses 227,350; mules 20,118; cattle 91,699; sheep 4,577 and swine 101,241. At the census of 1920, there were 111,670 horses, 13,962 mules, 89,949 cattle, 5,106 sheep and 178,332 swine. There were 4,298 goats not on farms in 1910 and 5,583 in 1920 with but 2,578 on farms in 1920. No enumeration was made of animals not on farms at the census of 1925.

Cows kept for milk in Pennsylvania are 10 years old on the average when slaughtered for beef. Their usefulness as producers of milk lasts about eight years.

TABLE 172—Percentage of Plowing and of Spring Sowing and Plantin
Completed by Specified Dates, Pennsylvania, 1898-1927

Year	Done by May 1		Year	Done by May 1		Per cent of all farm lands plowed in fall
	Plowing for spring planting	Spring sowing and planting		Plowing for spring planting	Spring sowing and planting	
	P. ct.	P. ct.		P. ct.	P. ct.	P. ct.
1898	78	----------	1913	73	47	----------
1899	90	----------	1914	51	25	----------
1900	79	----------	1915	80	54	----------
1901	62	----------	1916	46	20	----------
1902	65	----------	1917	71	50	----------
1903	68	----------	1918	68	36	----------
1904	66	----------	1919	77	50	18
1905	78	----------	1920	54	24	15
1906	77	37	1921	81	58	21
1907	72	34	1922	69	43	12
1908	75	45	1923	72	48	17
1909	72	39	1924	54	32	15
1910	82	53	1925	78	55	20
1911	62	36	1926	65	40	----------
1912	50	25	1927	68	38	----------

COST OF PRODUCING FIELD CROPS

The Farm Management Division of the Department of Agricultural Extension, the Pennsylvania State College, each year makes a study of the cost of producing various field crops and other farm products in Pennsylvania. Summaries of these studies are furnished upon request.

Analyses of production costs for corn, wheat, oats, potatoes and cotton have also been made annually since 1922 by the Division of Farm Management of the U. S. Department of Agriculture. These studies are summarized by geographic divisions and appear in the June supplement of the publication, Crops and Markets, of the Department and usually in the Yearbooks.

FARM MANAGEMENT AND INCOME STUDIES

In addition to crop production cost studies, the Bureau of Agricultural Economics, U. S. Department of Agriculture, has issued summaries of income and other inquiries in the monthly supplements of Crops and Markets, issued by the Department. Details are occasionally given by States but usually by geographic divisions. The following are among those published in Crops and Markets in recent years:

Distribution of Estimated Gross Value of Farm Products among the States: for 1923, page 84 of the March, 1924, supplement; 1909-1924, page 116, April, 1925; 1925, page 226, July, 1926.

Farm Returns (geographic divisions only): for 1923, page 221, July, 1924, supplement; 1924, page 179, June, 1925; 1925, page 230, July, 1926; and page 324, October, 1926.

Income from Agricultural Production (U. S. only): 1919-1924, page 286, August, 1924, supplement; 1919-1925, page 236, July, 1925; 1925-1926, page 228, July, 1926.

Monthly Money Income from Agricultural Production (U. S. only): 1919-1925, page 303, September supplement; 1919-1926, page 343, October, 1926.

Persons Employed on Farms; Hired and Family Labor (geographic divisions): Oct., 1923-Oct., 1926, page 307, Oct., 1926; Oct.-Dec., 1926, page 4, January, 1927.

Changes in Farm Population (geographic divisions only): in 1924, page 279, August, 1925, supplement; in 1925, page 166, June, 1926; in 1926, page 187, May, 1927.

Effect of the Supply of Potatoes on Farm Prices and Crop Values (U. S.); page 325, October, 1926, supplement.

Index Numbers of the Value of Farm Real Estate (by States): 1912-1927, page 296, August, 1927.

TABLE 173—Commercial Fertilizer: Estimated Amount Used and Total Expenditures by Farmers, Pennsylvania, 1925 and 1926

County and district	Per cent of farmers using fertilizer		Average amount used by each		Total amount used		Average price		Amount expended for fertilizer	
	1925	1926	1925	1926	1925	1926	1925	1926	1925	1926
			Tons	Tons	Tons	Tons	Per ton	Per ton		
Crawford	89	88	1.55	1.15	6.660	9,080	$25.50	$26.10	$173,830	$231,540
Erie	81	84	2.00	2.10	10,060	9,230	30.00	32.20	323,930	276,900
Forest	88	92	2.05	2.40	980	810	23.40	25.00	24,500	18,950
Mercer	80	70	2.05	1.35	4,310	7.470	27.10	28.20	121,540	202,440
Venango	80	80	2.00	1.80	3,420	3,790	26.80	25.20	86,180	101,570
Warren	71	74	1.60	1.30	2,440	2,890	26.00	25.50	62,220	75,140
NORTHWESTERN	82	81	1.83	1.55	27,870	33,270	27.25	28.42	792,200	906,540
Bradford	46	57	2.00	1.30	3.780	4,700	26.70	22.70	85,810	125,490
Cameron	66	54	1.70	1.40	140	210	24.40	25.00	3,500	5,120
Clinton	71	77	1.55	1.75	1,540	1,260	29.20	27.80	42.810	36,790
Elk	97	96	1.90	1.70	1,670	1,870	27.70	27.30	45,590	51,800
Lycoming	93	94	2.10	1.65	5,020	6,310	27.20	26.50	133,030	171,630
McKean	77	69	2.00	1.70	1,970	2,590	27.00	22.50	44,330	69,930
Potter	52	44	1.75	2.25	1,800	1,650	24.40	28.00	50,400	40,260
Sullivan	80	88	1.65	1.50	1,080	1,080	27.50	27.00	29,160	29,760
Tioga	56	57	2.05	1.75	3,690	4,250	29.00	29.50	108,860	123,250
NORTH CENTRAL	65	68	1.95	1.63	20.690	23,920	27.34	26.27	543.490	653,970
Lackawanna	62	67	1.40	1.00	1.150	1.490	31.30	32.50	37,380	46,640
Susquehanna	67	69	1.70	1.05	2,500	3,930	27.20	26.80	67,000	106,900
Wayne	68	67	2.35	2.10	4,430	5,040	29.00	28.40	125,810	146,160
Wyoming	50	50	2.00	1.40	1,150	1,640	26.50	28.00	32,200	43,460
NORTHEASTIRN	64	65	1.91	1.43	9,230	12,100	28.36	28.43	262,390	343,160
Armstrong	80	81	1.55	1.30	3,760	4,420	25.30	26.50	99,640	111,830
Beaver	90	92	1.70	1.50	3,330	3,700	26.30	26.20	87,250	97,310
Butler	77	80	1.50	1.75	5,850	4,820	27.40	26.10	152.690	132,070
Clarion	91	93	1.85	1.75	4,850	5,010	23.40	23.20	112,520	117,230
Indiana	76	76	2.30	2.10	6,490	7,100	24.10	24.40	158,360	171,110
Jefferson	78	83	2.25	2.25	5,900	5,550	25.00	23.60	139,240	138,750
Lawrence	82	81	1.45	1.10	2,320	3,100	28.20	26.90	62,410	87,420
WEST CENTRAL	81	83	1.81	1.71	32,500	33,700	25.39	24.99	812,110	855,720
Blair	74	78	2.80	2.30	3,270	3,780	24.46	24.10	78,810	92,230
Cambria	86	85	2.10	2.25	4,570	4,320	24.50	25.50	116,540	105,840
Centre	85	91	2.45	2.80	5,380	4,380	24.00	23.00	123,740	105,120
Clearfield	79	74	1.80	1.70	4,520	5,120	25.80	26.20	118,420	132,100

Columbia	93	95	3.75	3.60	9,070	9,240	27.40	27.00	244,890	253,180
Dauphin	89	88	2.90	3.20	7,330	6,730	26.00	24.00	175,920	174,980
Huntingdon	85	81	2.15	1.70	2,770	3,680	24.20	24.80	68,700	89,060
Juniata	87	91	1.90	2.05	2,810	2,500	26.00	24.90	69,970	65,000
Mifflin	68	73	2.00	2.00	1,580	1,460	24.00	24.00	37,920	35,040
Montour	92	95	2.40	2.25	1,640	1,690	28.20	27.00	44,280	47,660
Northumberland	94	92	2.65	2.90	6,730	6,290	24.00	26.00	174,980	150,960
Perry	72	81	1.90	2.25	3,690	2,780	22.80	23.80	87,820	63,380
Snyder	88	89	2.15	2.30	3,500	3,240	26.00	25.10	87,850	84,240
Union	71	78	2.75	2.90	3,100	2,680	27.80	26.20	81,220	74,500
CENTRAL	84	85	2.45	2.51	59,960	57,890	25.45	25.20	1,511,060	1,473,290
Carbon	97	97	3.45	2.95	2,680	3,130	28.00	29.00	77,720	87,640
Lehigh	95	97	2.55	3.00	7,680	6,390	28.50	29.90	229,630	182,120
Luzerne	79	81	2.65	2.90	6,670	5,950	27.00	28.00	186,760	160,650
Monroe	90	94	1.65	1.60	2,260	2,220	25.00	25.60	57,860	55,500
Northampton	82	83	3.10	2.70	7,050	8,000	23.40	24.60	173,430	186,800
Pike	19	17	.75	.85	100	100	26.00	30.50	3,050	2,600
Schuylkill	89	90	3.40	3.10	7,530	8,170	29.00	28.90	217,620	236,930
EAST CENTRAL	84	85	2.80	2.75	33,970	33,960	26.86	27.85	946,070	912,240
Allegheny	84	83	2.10	1.90	6,690	7,470	30.50	30.20	202,040	227,840
Fayette	72	78	1.35	1.45	4,020	3,460	27.20	25.30	101,710	94,110
Greene	25	31	1.20	.90	810	870	28.70	28.30	22,920	25,060
Somerset	86	84	2.10	2.00	6,540	7,000	26.20	24.80	162,190	185,400
Washington	58	57	2.50	2.55	6,450	6,440	24.40	25.00	161,250	157,140
Westmoreland	78	69	2.15	1.90	6,900	8,820	27.40	25.40	175,260	241,670
SOUTHWESTERN	69	68	2.02	1.89	31,410	34,060	27.28	26.28	825,370	929,220
Adams	96	97	3.10	2.90	10,010	10,590	24.00	25.70	257,260	254,160
Bedford	91	90	1.90	1.80	5,780	6,170	25.10	23,50	135,830	154,870
Cumberland	88	88	2.80	2.55	6,780	7,440	24.40	22.30	151,190	181,540
Franklin	97	98	3.10	3.35	12,730	11,660	24.50	24.40	310,610	285,670
Fulton	96	98	2.60	2.55	3,210	3,210	22.00	21.00	67,410	70,620
York	97	96	3.30	3.15	23,910	25,290	26.40	25.40	607,310	667,660
SOUTH CENTRAL	95	95	2.93	2.84	62,420	64,360	25.09	24.51	1,529,610	1,614,520
Berks	77	78	2.55	2.25	10,460	11,710	28.50	27.20	284,510	333,730
Bucks	87	88	3.10	3.10	15,840	15,670	30.00	31.80	503,710	470,100
Chester	92	90	2.65	2.80	13,220	12,800	29.10	29.40	388,670	372,480
Delaware	92	91	4.15	3.00	2,490	3,470	33.40	33.30	82,920	115,900
Lancaster	93	92	3.05	3.00	31,620	32,500	30.80	29.80	942,280	1,001,000
Lebanon	77	83	3.00	2.20	4,440	5,610	26.60	25.00	111,000	149,230
Montgomery	65	58	2.20	2.10	5,190	6,080	30.00	29.70	154,140	182,400
Philadelphia	100	99	6.30	7.00	2,660	2,400	34.60	34.00	90,440	83,040
SOUTHEASTERN	85	84	2.91	2.80	85,920	90,240	30.01	29.77	2,557,670	2,707,880
PENNSYLVANIA	80	81	2.38	2.25	363,970	383,500	27.12	26.87	9,779,970	10,396,540

TABLE 174—Lime for Agricultural Purposes—Estimated Amount Used and Expenditure by Farmers, Pennsylvania, 1925 and 1926

County and district	Per cent of farmers using lime		Average amount used by each		Total amount used		Average price		Amount expended for lime	
	1925	1926	1925	1926	1925	1926	1925	1926	1925	1926
			Tons	Tons	Tons	Tons	Per ton	Per ton		
Crawford	62	60	2.90	2.70	10,670	11,830	$7.50	$7.20	$76,820	$88,730
Erie	54	51	5.80	4.45	12,950	17,840	6.50	6.90	89,360	115,960
Forest	73	79	4.15	4.00	1,440	1,360	12.60	11.90	17,140	17,140
Mercer	71	73	4.50	4.40	14,650	14,550	7.65	6.90	101,090	111,310
Venango	57	52	4.40	3.25	4,000	5,950	7.30	8.25	33,000	43,440
Warren	58	61	4.60	3.30	5,120	6,790	7.60	7.95	40,700	51,600
NORTHWESTERN	61	60	4.31	3.66	48,830	58,320	7.34	7.33	358,110	428,180
Bradford	63	68	4.30	4.30	14,920	13,830	7.70	6.85	102,200	106,490
Cameron	26	20	4.60	5.50	220	220	5.70	6.05	1,330	1,250
Clinton	32	35	6.05	5.55	2,220	2,220	9.55	9.20	20,420	21,200
Elk	73	77	7.45	6.95	5,420	5,530	7.60	6.90	37,400	42,030
Lycoming	36	37	4.60	4.50	5,400	5,340	7.40	8.40	45,360	39,520
McKean	38	47	4.70	4.00	3,160	3,000	6.25	6.75	21,300	18,750
Potter	44	40	6.30	6.10	4,450	5,030	9.30	9.90	44,060	46,780
Sullivan	48	58	7.60	4.50	2,160	2,990	7.50	7.00	15,120	22,430
Tioga	34	44	5.40	3.90	6,360	6,780	7.75	9.10	57,880	52,550
NORTH CENTRAL	46	51	5.21	4.65	44,310	44,940	7.81	7.79	345,100	351,000
Lackawanna	73	63	4.10	2.50	2,700	5,140	9.35	11.00	29,700	48,060
Susquehanna	72	78	4.10	3.90	10,490	10,180	8.25	8.00	83,920	83,990
Wayne	77	64	3.95	3.70	7,470	9,590	8.70	8.70	64,990	83,430
Wyoming	40	52	4.50	4.50	3,830	2,950	9.75	12.00	45,960	28,760
NORTHEASTERN	68	67	4.08	3.69	24,490	27,860	8.77	9.17	224,570	244,240
Armstrong	63	60	6.30	4.00	8,560	14,160	7.30	8.70	74,470	103,370
Beaver	76	80	4.50	4.60	8,880	8,260	6.60	6.50	57,720	54,520
Butler	54	58	5.95	5.20	12,580	13,420	7.20	7.50	94,350	96,620
Clarion	41	38	5.80	4.60	5,200	7,080	7.60	8.00	41,600	53,810
Indiana	59	56	6.70	4.30	9,760	13,900	6.95	7.75	75,640	96,610
Jefferson	36	40	5.60	6.10	7,690	7,620	9.75	9.15	70,360	74,300
Lawrence	68	66	4.30	4.70	8,080	7,610	6.35	6.20	50,100	48,320
WEST CENTRAL	56	56	5.60	4.72	60,750	72,050	7.32	7.64	464,240	527,550
Blair	21	30	8.20	6.05	3,330	3,140	7.40	8.20	27,310	23,240
Cambria	44	46	7.00	5.20	5,720	7,360	9.15	9.55	54,630	67,340
Centre	25	29	7.85	6.70	4,090	4,130	8,25	6.50	26,590	34,070
Clearfield	57	51	5.30	4.15	7,640	10,880	8.95	8.40	64,180	97,380
Columbia	37	45	3.20	2.70	3,210	3,130	9.80	11.00	35,310	30,670

Dauphin	19	31	5.45	5.10	4,130	2,700	12.95	9.00	37,170	34,970
Huntingdon	30	25	6.65	5.50	2,750	4,020	7.80	8.45	23,240	31,360
Juniata	12	13	4.40	3.90	780	800	7.90	8.70	6,790	6,320
Mifflin	8	20	4.40	6.30	1,390	380	6.50	5.85	8,130	2,470
Montour	21	33	7.40	5.50	1,380	1,190	6.70	7.50	10,350	7,970
Northumberland	8	16	3.15	2.80	1,120	640	8.35	8.90	9,970	5,340
Perry	24	21	4.15	4.00	1,720	2,020	9.85	8.75	15,050	19,900
Snyder	23	18	6.20	4.30	1,330	2,440	7.95	7.60	10,110	19,400
Union	27	21	5.40	6.00	1,740	1,990	5.50	8.80	15,310	10,950
CENTRAL	28	31	5.62	4.64	40,330	44,820	8.73	8.53	344,140	391,380
Carbon	57	51	2.20	2.30	1,110	1,170	12.20	11.75	12,930	14,270
Lehigh	20	25	1.80	1.30	860	950	13.40	14.15	12,170	12,730
Luzerne	57	56	4.55	3.65	5,800	7,360	7.90	8.60	49,880	58,140
Monroe	26	25	3.65	3.50	1,300	1,420	5.65	6.25	8,130	8,020
Northampton	16	17	2.50	4.00	2,120	1,260	9.15	8.50	18,020	11,530
Pike	21	19	2.90	2.75	390	430	10.70	10.00	3,900	4,600
Schuylkill	43	48	3.40	2.80	3,640	3.950	13.40	13.00	49,500	52,930
EAST CENTRAL	34	35	3.39	3.00	15,210	16,540	9.81	10.16	151,530	162,220
Allegheny	59	65	5.00	4.60	12,650	12,490	8.80	8.10	102,470	109,910
Fayette	41	46	6.15	6.40	10,500	8,970	8.10	7.45	78,230	72,660
Greene	12	14	3.35	2.75	1,130	1,170	9.60	8.90	10,060	11,230
Somerset	45	43	4.80	4.50	7,560	8,370	8.95	7.80	58,970	74,910
Washington	41	43	5.55	5.30	10,120	10,100	8.10	8.10	81,970	81,810
Westmoreland	57	49	5.70	5.30	13,670	17,080	8.85	8.85	120,980	151,160
SOUTHWESTERN	45	45	5.35	5.07	55,630	58,180	8.62	8.14	452,680	501,680
Adams	20	17	3.95	4.00	2,400	2,810	10.30	11.30	27,120	28,940
Bedford	32	29	4.90	4.20	4,370	5.590	6.65	6.10	26,660	37,170
Cumberland	20	17	7.70	5.50	2,805	4,650	12.15	11.50	32,260	56,500
Franklin	25	27	3.75	4.40	4,620	3,630	8.75	9.50	43,890	31,760
Fulton	38	43	7.20	5.00	2,750	3,510	7.90	8.40	23,100	27,730
York	38	35	4.10	3.80	10,530	12,310	10.55	11.00	115,830	129,870
SOUTH CENTRAL	30	28	4.70	4.21	27,475	32,500	9.60	9.79	268,860	311,970
Berks	24	24	4.40	4.00	5,720	6,300	11.50	12.15	69,500	72,450
Bucks	27	28	3.55	3.35	5.460	5,570	12.90	12.35	67,430	71.850
Chester	38	43	4.70	4.70	10,620	9,370	11.65	11.90	126,380	109,160
Delaware	54	59	4.10	3.80	2,050	2,010	15.40	13.80	28,290	30,950
Lancaster	32	29	4.70	2.80	9,300	17,230	11.35	10.80	100,440	195,560
Lebanon	15	18	3.35	2.50	1,100	1,220	7.60	10.00	11,000	9,270
Montgomery	40	36	3.90	3.70	5,660	6,630	11.55	11.50	65,090	76,250
Philadelphia	37	25	4.20	2.50	250	590	10.20	10.25	2,560	6.020
SOUTHEASTERN	31	31	4.31	3.57	40,160	48,920	11.68	11.72	470,690	571,510
PENNSYLVANIA	42	42	4.82	4.21	357,185	404,130	8.64	8.63	3,082,920	3,489,730

LIME AND FERTILIZER PRODUCTION IN PENNSYLVANIA

Pennsylvania leads all states in the amount and value of lime sold for agricultural purposes but is second to Ohio in total lime sales, Ohio selling more than twice as much building lime as Pennsylvania.

Ohio showed a decrease of two per cent in total sales of lime in 1926 as compared with 1925, while Pennsylvania's sales of all lime advanced four per cent.

TABLE 175—Lime for Agricultural Purposes: Amount Sold and Value of Sales, Pennsylvania, 1915-1925

[Bureau of Mines, U. S. Department of Commerce]

Year	Amount	Value
	Short tons	
1915	345,960	$995,703
1916	318,722	1,036,222
1917	246,608	1,218,316
1918	200,073	1,343,636
1919	232,831	1,706,027
1920	202,830	1,792,948
1921	152,667	$1,183,361
1922	137,460	1,021,092
1923	112,011	838,010
1924	116,966	883,225
1925	129,834	958,411

Pennsylvania farmers' expenditures for fertilizers, as reported at successive censuses, amounted to $3,525,336 in 1879, $3,384,310 in 1889, $4,685,920 in 1899, $6,801,605 in 1909, $15,628,341 in 1919 and, including expenditures for lime, $11,189,476 in 1924.

In the production of ammoniated fertilizers, Pennsylvania ranks about eighth, in phosphates fifteenth and in other fertilizers ninth.

TABLE 176—Fertilizers: Production and Value, Pennsylvania, 1914, 1919, 1921, 1923

[U. S. Bureau of the Census]

Year	Production	Average price	Total value
	Short tons	Per ton	
All fertilizers			
1914	276,088	$19.19	$5,296,917
1919	224,152	32.09	7,193,126
1921	204,272	33.16	6.774,625
1923	178,387	25.13	4,483,309
Complete and ammoniated			
1914	171,461	22.27	3,818,919
1919	152,529	34.27	5,226,781
1921	110,742	38.21	4.231,698
1923	103,130	29.73	3,065,564
Complete			
1921	88,149	39.07	3,444,396
1923	96,808	30.16	2,922,886
Ammoniated			
1921	22,593	$34.85	$787,302
1923	6,232	22.89	142,678
Superphosphates and concentrated phosphates			
1914	23,899	10.16	242,935
1919	12,054	25.77	310,611
1921	54,052	16.93	915,196
1923	44,959	11.57	520,191
Other			
1914	80,728	15.30	1,235,063
1919	59,569	27.80	1,655,734
1921	39,478	41.23	1,627,731
1923	30,298	29.62	897,554

ESTIMATES OF FARM EQUIPMENT AND FARM HOME CONVENIENCES

The estimates of the number of farms having certain equipment and conveniences, appearing in previous issues of the Crop and Livestock Bulletin, were based largely upon the opinions of the crop reporters. By comparison with census data, which have but recently become available, it is apparent that both the optimism of the reporter and the fact that he usually represents a more progressive community were not sufficiently discounted in preparing the estimates. Furthermore, the number of farms has decreased almost 19,000 from 1910 to 1925. Changes in agricultural methods, especially in dairying and in the use of power, are taking place. These circumstances explain in part the downward revisions of the estimates appearing in this issue of the Bulletin.

Automobiles: On the strength of the opinion reports from the crop correspondents, the percentage of farmers having automobiles January 1, 1920, was estimated to be 48 per cent and the approximate number of automobiles in use on farms 104,850. At the United States Census of 1920, 69,865 farms reported 76,491 automobiles. The Triennial State Assessors' Census of 1924 showed the number of automobiles on farms in Pennsylvania to be 131,031,[1] while the estimate of the number of farms having automobiles January 1, 1925 was 157,368 and on January 1, 1926, 159,974. As many farms had more than one automobile January 1, 1925, it appeared that, even after due allowance had been made for the incompleteness of the Assessors' Census, estimates of the number of farms having automobiles, based upon the opinions of reporters, was too high. A careful check, by counties, against the number reported in the Assessor Census and the number licensed by the State Highway Department enabled the elimination of opinion reports which were apparently inconsistent. Hence, a downward revision of the number of farms having automobiles, as of January 1, 1926, appears in this issue of the Bulletin.

Motor trucks: Of the farms of Pennsylvania, 8,761 reported 9,372 motor trucks in the Federal Census of 1920. The number of trucks, estimated by the Bureau of Statistics, Pennsylvania Department of Agriculture to be in use on farms, January 1, 1920 was 10,250. The number of trucks January 1, 1925, according to the Assessors' Census was 26,872. The estimate by the Bureau of the number of farms having trucks was 29,296, but the estimate of 29,819 on January 1, 1926, was for the number of trucks. The estimates appearing in this issue of the Bulletin are for the number of farms having trucks, and the figures for January 1, 1926, have been adjusted accordingly.

Tractors: The Federal Census of 1920 reported 5,374 farms having 5,697 tractors. The Bureau's estimate was 6,823 tractors. The Federal Census of 1925 reported 19,764 tractors and the State Assessors' Census, with fewer farms, reported 21,065. The estimated number of tractors January 1, 1925, was 18,467. The estimates for January 1, 1926 appearing in the 1925 Bulletin are the State Assessors' Census figures for January 1, 1925, and likewise are for the number of tractors. The figure in this (1926) Bulletin is for the number of farms having tractors. It is based upon opinion reports and has been checked, by counties, against both Federal and State Census figures.

Gas engines: No data other than previous opinion reports are available as checks. The estimates, reflecting a slight decline from the number of farms having gas engines January 1, 1926, suggests that, with the adoption of tractors and electricity, the number of gas engines may have reached the saturation point.

Electric service: The Federal Census of 1920 indicated that 30,669 farm homes were equipped with gas or electric light. An estimate by the Bureau of Statistics placed the number of farms having electricity January 1, 1921, at

(Concluded on page 236)

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(1) This figure is 800 more than the one published, due to an error in tabulating the data for McKean County, where the number of automobiles was 837 instead of 37. The State Assessors, it must be kept in mind, reported only 186,816 farms whereas the Federal Census showed 200,443.

TABLE 177—Motor Vehicle Registration, 1926, and the Estimated Number of Farms Having Motor Conveyances and Power Equipment, Pennsylvania, January 1, 1926 and 1927

County and district	Motor vehicles registered in 1926		Number of farms on January 1 having:									
			Automobiles		Motor trucks		Tractors		Gas engines		Electricity	
	Passenger	Commercial	1926	1927	1926	1927	1926	1927	1926	1927	1926	1927
Crawford	11,233	1,816	4,130	4,200	500	510	520	530	2,630	2,600	540	650
Erie	29,105	4,704	3,520	3,600	990	1,020	730	750	2,730	2,720	760	810
Forest	894	144	250	260	20	20	20	20	50	50	10	10
Mercer	15,063	2,435	3,420	3,490	460	500	410	430	1,500	1,490	340	380
Venango	11,361	1,836	1,710	1,760	240	250	230	240	590	590	110	150
Warren	6,383	1,082	1,500	1,540	180	190	180	190	970	950	160	240
NORTHWESTERN	74,039	11,967	14,530	14,850	2,390	2,490	2,090	2,160	8,470	8,400	1,920	2,240
Bradford	8,808	1,424	3,680	3,750	540	600	580	600	2,400	2,400	450	550
Cameron	638	103	70	80	20	20	20	20	50	50	10	10
Clinton	4.468	722	730	760	100	110	120	130	250	240	70	70
Elk	4,213	687	560	570	110	120	130	140	250	250	40	60
Lycoming	14,042	2,270	2,120	2,170	410	430	290	300	1,260	1,210	300	340
McKean	8,297	1,340	920	930	120	130	90	100	350	340	90	120
Potter	3,064	495	1,280	1,320	180	190	190	200	540	550	90	90
Sullivan	1,404	227	550	570	60	70	40	40	210	250	70	80
Tioga	6.000	970	2,500	2,570	270	290	340	360	1,290	1,290	270	270
NORTH CENTRAL	50,934	8,238	12,410	12,720	1,810	1,960	1,800	1,890	6,600	6,580	1,390	1,590
Lackawanna	34,466	5,571	950	970	500	520	190	200	550	540	210	220
Susquehanna	4,850	784	2,300	2,340	640	650	310	320	1,760	1,740	310	350
Wayne	4,978	805	2,040	2,050	560	580	170	170	1,700	1,730	330	380
Wyoming	3,319	536	1,000	1,010	420	430	180	190	660	670	150	160
NORTHEASTERN	47.613	7,696	6,290	6,370	2,120	2,180	850	880	4,670	4,680	1,000	1,110
Armstrong	11,106	1,795	2,560	2,590	270	300	230	250	360	350	100	120
Beaver	16,339	2,641	1,700	1,780	360	370	250	260	600	600	260	340
Butler	13,914	2,249	3,130	3,160	500	500	470	480	1,290	1,270	210	220
Clarion	7,659	1,238	2,470	2,500	140	150	300	310	750	750	130	230
Indiana	11,999	1,939	2,800	2,840	280	300	290	300	930	930	290	300
Jefferson	8,170	1,320	2,150	2,190	210	220	240	250	440	460	160	170
Lawrence	15,318	2,476	1,900	1,930	300	340	320	340	780	770	310	310
WEST CENTRAL	84,505	13.658	16,710	16,990	2,060	2,180	2,100	2,190	5,150	5,130	1,460	1,690
Blair	18,510	2,992	1,010	1,030	380	400	190	200	640	630	280	300
Cambria	23,999	3,879	1,750	1,770	140	150	290	300	1,530	1,500	510	530
Centre	7,659	1,238	1,740	1,750	240	250	280	300	950	950	330	340
Clearfield	12,510	2,022	1,830	1,860	250	250	220	220	1,580	1,520	620	620

Columbia	8,297	1,342	1,810	1,810	650	690	250	260	660	690	320	340
Dauphin	25,147	4,065	2,080	2,110	420	430	320	340	1,170	1,180	420	450
Huntingdon	6,127	990	1,460	1,470	210	220	170	170	400	390	230	240
Juniata	2,681	433	1,180	1,180	200	200	160	170	330	320	100	110
Mifflin	5,106	825	780	790	100	110	180	190	310	320	170	190
Montour	1,659	268	560	570	100	110	140	150	350	350	70	100
Northumberland	14,808	2,393	1,820	1,840	580	610	270	290	1,010	1,000	250	260
Perry	3,702	598	1,330	1,340	140	140	170	180	410	410	150	170
Snyder	3,064	495	1,280	1,290	250	260	130	150	530	510	130	150
Union	3,319	536	1,170	1,200	100	120	130	140	600	610	140	170
CENTRAL	136,588	22,076	19,800	20,010	3,760	3,940	2,900	3,060	10,470	10,380	3,720	3,970
Carbon	6,893	1,114	650	670	240	250	120	130	560	540	90	100
Lehigh	22,594	3,652	2,190	2,240	640	690	420	450	1,980	1,980	550	590
Luzerne	45,955	7,428	1,870	1,870	1,090	1,110	280	300	1,730	1,700	420	420
Monroe	5,872	949	1,200	1,210	330	340	90	90	820	830	210	210
Northampton	25,020	4,044	2,600	2,630	760	810	440	470	2,200	2,210	610	650
Pike	1,532	248	460	470	80	80	40	50	360	350	120	160
Schuylkill	26,296	4,250	1,720	1,750	850	880	280	300	1,350	1,360	350	370
EAST CENTRAL	134,162	21,685	10,690	10,840	3,990	4,160	1,670	1,790	9,000	8,970	2,350	2,500
Allegheny	167,479	27,069	2,560	2,570	1,060	1,100	440	460	1,140	1,130	770	940
Fayette	27,318	4,414	2,170	2,200	480	490	350	360	500	490	440	500
Greene	6,510	1,052	2,270	2,330	180	190	140	150	380	370	110	120
Somerset	13,020	2,104	3,300	3,350	460	500	480	490	970	960	810	820
Washington	27,190	4,395	3,710	3,730	560	580	440	450	1,550	1,530	320	350
Westmoreland	37,530	6,066	3,350	3,410	700	730	630	660	1,160	1,140	770	820
SOUTHWESTERN	279,047	45,100	17,360	17,590	3,440	3,590	2,480	2,570	5,700	5,620	3,220	3,550
Adams	6,638	1,073	2,490	2,510	330	360	460	490	1,600	1,590	380	400
Bedford	6,766	1,094	2,650	2,650	650	670	280	280	710	720	290	310
Cumberland	11,106	1,795	1,910	1,950	260	290	280	290	1,660	1,650	340	360
Franklin	10,085	1,630	3,080	3,100	410	420	400	420	2,210	2,200	420	440
Fulton	1,532	248	900	900	180	180	70	80	190	190	90	90
York	29,105	4,704	6,260	6,320	1,280	1,340	900	930	4,430	4,400	1,250	1,320
SOUTH CENTRAL	65,232	10,514	17,320	17,430	3,110	3,260	2,390	2,490	10,800	10,750	2,770	2,920
Berks	35,870	5,798	4,470	4,520	1,620	1,670	970	1,000	4,470	4,430	1,070	1,070
Bucks	17,361	2,806	4,450	4,450	1,470	1,510	900	920	4,940	4,940	1,010	1,020
Chester	21,318	3,446	4,600	4,650	550	570	1,010	1,020	3,460	3,430	1,250	1,280
Delaware	28,594	4,622	830	850	420	430	150	150	590	570	410	420
Lancaster	33,700	5,447	7,500	7,600	1,250	1,300	1,330	1,370	7,100	7,090	2,490	2,520
Lebanon	17,361	2,806	1,690	1,720	310	330	370	380	1,460	1,470	440	440
Montgomery	43,529	7,036	3,270	3,310	1,110	1,130	780	800	3,230	3,230	1,540	1,550
Philadelphia	206,668	33,403	360	370	180	190	60	60	150	150	190	200
SOUTHEASTERN	404,401	65,364	27,170	27,470	6,910	7,130	5,570	5,700	25,400	25,310	8,400	8,500
PENNSYLVANIA	1,276,521	206,328	142,280	144,270	29,590	30,890	21,850	22,730	86,260	85,820	26,230	28,070

TABLE 178—Estimated Number of Farms Having Certain Conveniences and Equipment, Pennsylvania, January 1, 1926 and 1927

County and district	Telephones		Radios		Heating systems		Running water		Bath rooms		Cream separators		Silos [1]	
	Jan. 1, 1926	Jan. 1, 1927	Jan. 1, 1926	Jan. 1, 1927	Jan. 1, 1926	Jan. 1, 1927	Jan. 1, 1926	Jan. 1, 1927	Jan. 1, 1926	Jan. 1, 1927	Jan. 1, 1926	Jan. 1, 1927	Jan. 1, 1926	Jan. 1, 1927
Crawford	2,430	2,150	510	720	1,090	1,120	860	870	330	330	1,930	1,910	2,170	1,180
Erie	2,800	2,850	480	630	1,390	1,430	1,010	1,020	370	380	1,430	1,450	1,490	1,500
Forest	120	130	20	30	20	30	30	30	10	10	270	280	20	20
Mercer	2,050	2,100	350	410	910	930	540	550	270	270	2,280	2,290	1,060	1,070
Venango	1,330	1,370	300	420	220	230	310	310	110	110	1,300	1,300	400	400
Warren	1,120	1,170	140	160	300	310	270	270	90	90	1,590	1,600	790	800
NORTHWESTERN	9,850	10,130	1,800	2,370	3,930	4,050	3,020	3,050	1,180	1,190	8,800	8,830	5,930	5,970
Bradford	3,970	4,050	470	670	1,220	1,250	1,090	1,100	550	560	520	500	2,980	3,000
Cameron	70	70	20	30	20	20	20	20	10	10	90	90	20	20
Clinton	390	400	90	120	110	120	170	170	70	70	310	320	140	150
Elk	400	410	60	70	60	60	180	180	70	70	690	700	140	140
Lycoming	2,000	2,060	210	300	320	330	460	470	250	250	1,570	1,580	590	600
McKean	860	890	140	160	100	100	260	260	120	120	710	700	200	200
Potter	1,000	1,020	110	140	170	190	370	370	150	150	900	880	630	650
Sullivan	460	480	40	60	100	110	130	130	50	50	350	350	260	270
Tioga	2,340	2,400	230	330	620	640	820	840	390	400	350	340	2,030	2,050
NORTH CENTRAL	11,490	11,780	1,370	1,880	2,720	2,830	3,500	3,540	1,660	1,680	5,490	5,460	6,990	7,080
Lackawanna	830	870	220	270	400	410	420	430	210	210	620	620	470	480
Susquehanna	2,360	2,410	310	460	860	870	860	870	360	370	770	780	1,820	1,850
Wayne	2,170	2,240	350	490	900	910	630	640	340	340	680	700	1,190	1,200
Wyoming	860	890	120	150	300	310	290	290	140	140	310	300	720	730
NORTHEASTERN	6,220	6,410	1,000	1,370	2,460	2,500	2,200	2,230	1,050	1,060	2,380	2,400	4,200	4,260
Armstrong	1,530	1,600	720	940	660	690	720	730	390	390	870	880	260	260
Beaver	1,020	1,040	470	530	610	630	410	430	290	290	970	950	370	380
Butler	2,750	2,800	730	910	810	800	840	850	300	300	1,680	1,680	770	780
Clarion	1,800	1,860	240	310	420	450	570	570	250	250	2,240	2,260	410	420
Indiana	2,510	2,550	330	400	1,070	1,100	880	880	340	340	1,920	1,900	300	300
Jefferson	1,830	1,900	300	380	540	560	590	600	150	150	1,800	1,810	280	290
Lawrence	1,730	1,780	380	460	780	800	400	410	190	190	1,340	1,320	610	630
WEST CENTRAL	13,170	13,530	3,170	3,930	4,890	5,030	4,410	4,470	1,910	1,910	10,820	10,800	3,000	3,060
Blair	860	890	150	180	300	320	240	240	150	150	460	460	350	360
Cambria,	900	950	180	240	560	580	730	750	200	200	1,860	1,840	360	360
Centre	1,410	1,460	170	270	360	380	550	560	150	150	500	490	360	370
Clearfield	980	1,020	120	150	570	580	470	470	180	180	1,360	1,340	210	210
Columbia,	1,400	1,440	260	390	580	590	760	770	380	380	1,060	1,070	170	170
Dauphin	920	950	140	210	330	340	420	420	250	250	750	730	290	290
Huntingdon	810	830	120	160	250	270	240	240	120	120	910	920	260	270
Juniata	880	910	90	130	210	230	200	200	80	80	200	190	120	120

Mifflin	430	450	80	120	170	180	240	240	70	70	300	300	220	220
Montour	400	420	70	100	70	80	110	110	40	80	110	100	120	120
Northumberland	780	810	130	180	430	460	560	570	150	150	1,020	990	230	240
Perry	860	900	110	160	260	280	240	240	120	120	540	550	240	250
Snyder	510	550	90	130	270	280	260	260	140	140	570	580	130	130
Union	820	850	80	120	200	210	210	210	100	100	260	250	220	230
CENTRAL	11,990	12,430	1,790	2,540	4,560	4,780	5,230	5,280	2,130	2,130	9,900	9,810	3,280	3,340
Carbon	290	300	50	70	130	140	230	230	130	130	420	410	40	40
Lehigh	920	950	200	290	690	710	720	730	580	380	520	500	120	130
Luzerne	1,190	1,230	210	260	620	630	880	890	440	440	790	770	400	400
Monroe	430	460	110	150	320	320	360	360	220	220	650	640	80	80
Northampton	1,360	1,400	250	320	840	860	710	720	440	450	310	310	210	320
Pike	260	270	100	120	90	90	140	140	60	60	260	250	80	80
Schuylkill	950	970	180	270	660	680	900	910	520	520	1,130	1,100	130	140
EAST CENTRAL	5,400	5,580	1,100	1,480	3,350	3,430	3,940	3,980	2,190	2,200	4,080	3,980	1,160	1,190
Allegheny	2,330	2,380	1,800	2,170	1,530	1,580	1,350	1,370	900	920	1,490	1,500	350	360
Fayette	1,640	1,680	610	800	1,110	1,160	890	900	380	380	1,140	1,150	190	200
Greene	1,420	1,460	360	490	480	500	450	450	250	250	650	690	70	70
Somerset	2,080	2,100	340	420	1,380	1,410	1,180	1,200	600	610	2,500	2,470	1,130	1,140
Washington	3,030	3,070	1,170	1,450	1,320	1,360	1,360	1,390	530	530	1,820	1,830	780	790
Westmoreland	3,400	3,440	1,370	1,540	1,800	1,840	1,210	1,230	870	880	1,310	1,310	530	530
SOUTHWESTERN	13,900	14,130	5,650	6,870	7,620	7,850	6,440	6,540	3,530	4,570	8,910	8,950	3,050	3,090
Adams	2,050	2,120	140	180	530	560	630	640	260	260	320	320	410	420
Bedford	1,400	1,440	130	160	880	900	600	610	300	300	2,320	2,300	620	620
Cumberland	2,190	2,240	150	210	540	570	610	620	240	240	210	210	360	370
Franklin	2,850	2,900	150	160	700	730	620	630	260	260	310	300	430	430
Fulton	420	430	60	90	160	170	170	170	50	50	580	590	40	40
York	2,700	2,750	390	550	960	990	2,810	2,850	760	770	3,470	3.470	820	830
SOUTH CENTRAL	11,610	11,880	1,020	1,350	3,770	3,920	5,440	5,520	1.870	1,880	7,210	7.190	2.680	2,710
Berks	2,070	2,130	350	500	890	930	1,250	1,290	670	670	330	300	510	510
Bucks	2,880	2,930	1,100	1,380	1,210	1,250	1,360	1,400	800	800	130	130	840	850
Chester	3,590	3,650	1,020	1,260	1,400	1,430	2,430	2,450	1,570	1,580	120	130	1,590	1.600
Delaware	520	530	380	450	360	370	400	400	250	250	20	20	220	220
Lancaster	6,100	6,180	640	950	3,150	3,210	4,400	4,440	1,980	1,990	1,030	1,030	1,770	1.790
Lebanon	1,000	1,050	120	160	670	690	690	700	470	470	220	210	370	380
Montgomery	1,550	1,620	980	1,190	1,180	1,210	1,540	1,580	1,050	1.070	130	120	750	750
Philadelphia	310	320	140	180	290	290	270	270	260	260	40	30	10	10
SOUTHEASTERN	18,020	18,410	4,730	6,070	9.150	9,380	12.340	12,530	7.050	7.090	2,020	1.970	6.060	6,110
PENNSYLVANIA	101,650	104,280	21,630	27,860	42,450	43.770	46,520	47,140	22.570	22.710	59,610	59,390	36.350	36,810

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[1] Not the number of farms but the estimated number of silos on farms.

FARM EQUIPMENT AND FARM HOME CONVENIENCES

(Continued from page 231)

8,495. The Assessors' Census of 1924 showed 23,354 farms having electricity. Estimates for January 1, 1926, and January 1, 1927, have been compared with these figures and any apparent inconsistencies in the estimates derived from the opinion reports of the crop correspondents eliminated. The next few years may witness a decided increase in the number of farms using electricity.

Telephones: Of all the farms January 1, 1920, 43.5 per cent, or 87,887, had telephones, according to the Federal Census. The estimate of the Bureau of Statistics was 115,282 for January 1, 1920 and 125,040 for January 1, 1926. The downward revision results from editing out reports which were considered extremely unrepresentative of the county for which they were made. It is anticipated by telephone companies that the radio will stimulate the demand on the part of farmers for the telephone and delay the time when the number of telephones used by them will reach the maximum.

Radios: The number of radios January 1, 1925, was 10,503 according to the State Census and 14,933 according to the Federal Census. Both the revised estimate for January 1, 1926, and the estimate for January 1, 1927, were checked against these census figures. The State Census of 1927 will be the earliest check against both the telephone and radio figures.

Heating systems: Making estimates of the number of farm houses having heating systems was undertaken for the first time in the fall of 1925. The estimate for January 1, 1926 was 39,538. This figure, on the strength of supplementary data, was later revised to 42,450.

Running water: According to the 1920 Federal Census, 46,402 farms had "water piped into the operator's house". No limiting conditions surrounded the answer to the question. The object of the inquiries of the Bureau of Statistics has been to limit the number of farm homes qualifying to those having water delivered under pressure, at least, to the kitchen sink. Perhaps this limitation accounts for only the slight increase in the estimated number January 1, 1927, over the number January 1, 1920.

Bathrooms: The collection of data on the number of farm homes having bathrooms was likewise begun in the fall of 1925, the first estimate of 22,889 being for January 1, 1926. Only minor adjustments were made in this estimate. As no provision has been made in the State Census of 1927 for the number of farm homes having bathrooms, no check to the estimates will be available.

Cream separators: The estimated number of farms having cream separators January 1, 1920, was 78,877. More recent estimates show a decline in the number, which may be due to a change in the method of disposing of the milk produced or that the reporters include in their estimates only separators in use. The number of milking machines in use will be covered by the 1927 State Census.

Silos: The data appearing in this Bulletin apply to the number of silos and not, as in the case of other equipment, to the number of farms having them. The estimate, 41,568, of the number of farms having silos January 1, 1920, of 55,143 January 1, 1925 and 60,618 January 1, 1926, apparently were too high as the Federal Census of 1925 reported only 26,708 farmers growing ensilage corn and the State Census of 1924 only 35,544 silos on farms.

In this Bulletin all estimates have been rounded. With the exception of the number of bathrooms, checks on the degree of accuracy of these estimates will be available when the 1927 State Assessors' Census will have been summarized.

1925 CROP REVIEW

(Continued from page 55)

The combined average value per acre of all the leading field crops in 1925 was $33.37 compared with $30.63, in 1924, $27.42 in 1923, $25.58 in 1922 and $23.76 in 1921. The average acre values of individual crops are given in the historic tables for each crop.

The season throughout was unusually favorable for corn. A new record yield of 51 bushels per acre was established. Production exceeded the 1924 crop by 50 per cent and the average of the previous five years by 11 per cent. Eighty-six per cent of the crop was of merchantable quality; in 1924, the percentage of merchantable quality was only 58. The leading ten counties in corn produced almost half the crop. Their average yield of 57 bushels exceeded that of the State by six bushels, of the United States by 28 bushels and of the famous Corn Belt Region by 14 bushels.

Winter wheat established a record average yield of 20 bushels per acre, of quality never before equalled. On the same acreage, 3¾ million bushels more were produced than in 1924. Ten counties,[1] frequently called the "Bread Basket of Pennsylvania," produced more than half the crop of the State, and their average yield of 23 bushels was almost double the United States average of 12.9 bushels.

Acreage of spring wheat, which assumed some importance during the War, has become practically negligible. Rye acreage is likewise decreasing.

Oats, the acreage of which in Pennsylvania has remained fairly constant during the past 45 years, fell one bushel short of the 1924 average yield of 36 bushels but exceeded the production of that year by over four million bushels. Twelve counties each produced over one million bushels of oats.

The average yield of buckwheat, 23 bushels per acre, was exceeded only by the high record yield of 24.2 bushels in 1912. The production exceeded the 1924 harvest by 9 per cent. Barley acreage has been increasing slightly, but no marked improvement in acre yield has resulted.

Potatoes established a new record acre yield of 123 bushels and a new record total value of $48,201,000. The 1925 crop was exceeded in quality in recent years only by the crop of 1917. The crop of the United States was 90,000,000 bushels below average; hence, Pennsylvania potatoes commanded a good price. This State usually ranks fifth or sixth in potato production, but on account of the weather which was more favorable than in other States, it attained third rank in 1925. Lehigh County produced approximately one-twelfth of the potato crop and over two-thirds more than any other county in Pennsylvania.

Tobacco growers, influenced by the unfavorable prices of 1924, reduced the acreage to the lowest level since 1916, but both the quality and the acre yield was the best since 1921. Hay continued to be Pennsylvania's foremost crop in both acreage and value, but in neither acreage, yield, production, quality nor value did it come up to the crop of 1924, although the price per ton was one dollar higher. Hay is fed largely where grown and not considered a cash crop, but considerable is shipped to New York City, Philadelphia, Baltimore and to Southern States. Though acreage has remained fairly constant during the past 45 years, the kind grown has been slowly shifting from timothy to legumes.

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[1] Lancaster, York, Franklin, Berks, Cumberland, Chester, Adams, Lebanon, Lehigh and Bucks.

The apple production was only 37 per cent of a full crop and 31 per cent less than the average of the previous five years. However, the commercial apple crop, of excellent quality as the result of an unusually favorable season for spraying and culture, surpassed the 1924 yield by 30 per cent and equalled the past five-year average.

Peaches, injured by winter freezing and further damaged by late spring frosts and by high winds, yielded only 27 per cent of a full crop; pears yielded only half a full crop. The grape crop was only 55 per cent of the 1920-1924 average. In the Erie belt both quality and size of grapes were good but a season unusually adverse throughout heavily reduced the crop, the bunches being neither large nor uniform.

1926 CROP REVIEW

(Continued from page 56)

Notwithstanding excessive loss in potatoes from rot and blight, the yield per acre of 112 bushels was 5 bushels above the 1921-1925 average. The acreage, the production and the value of the crop placed the tobacco growing industry at the lowest level since 1915. Excessive losses in curing were reported. Both acreage of hay and the yield per acre have been declining for the last three years but the price has been advancing.

Production of all kinds of fruits in Pennsylvania was far in excess of either the 1925 crop or the 1921-1925 average. Quality likewise was above average, but prices were far below. The commercial apple crop was estimated to be worth only 95 per cent as much as the 1925 crop, though the 1926 crop was 77 per cent larger. The grape crop, though 2¼ times as large as the crop of 1925, was estimated to be worth only 80 per cent of its value. The peach crop was over four times as large as the 1925 crop and worth almost $1,000,000 more.

CLASSIFIED LIST OF POPULAR AGRICULTURAL BULLETINS

Much statistical information of agricultural interest is contained in the Yearbooks and in the monthly publication, "Crops and Markets," of the United States Department of Agriculture, in publications of the Bureau of the Census, U. S. Department of Commerce, and in those of other Federal Government establishments. Lists and prices of such printed matter may be had by addressing the Superintendent of Documents, Government Printing Office, Washington, D. C.

To meet the demand exhibited in numerous requests for information on farm practices, crop culture and other subject matter outside the scope of current farm, crop and livestock reports, a partial classified list of popular bulletins is offered, designating where each may be obtained if the supply has not become exhausted. With few exceptions, they are distributed free of charge, but requests should be limited to not more than ten bulletins.

The abbreviation PDA refers to publications of the Pennsylvania Department of Agriculture, for which request should be made to the Bulletin Editor of the department at Harrisburg, Pa.; PSC, the School of Agriculture of the Pennsylvania State College, State College, Pa.; and USDA, the U. S. Department of Agriculture, Washington, D. C. (direct requests to the Office of Information of the Department).

Type of publication (to be mentioned when ordering) is indicated as follows: B—Bulletin; DB—Department Bulletin[1] (for specialists); FB—Farmers' Bulletin; GB—General Bulletin; SB—Statistical Bulletin; C—Circular; DC—Department Circular[1] (for specialists); EC—Extension Circular; MC—Miscellaneous Circular;[1] L—Leaflet; YS—Yearbook Separate.

Forage and Feeding Stuffs

Alfalfa: PSC—in Pennsylvania (EC 104); USDA—Growing (FB 1283), Utilization (FB 1229), Varieties (FB 1467).

Clover: PSC—Red Clover Seed (B 200), Clovers (EC 98); USDA—Crimson (FB 579, 1142, 1411), Red (FB 1339), Alsike (FB 1151).

Cowpeas: USDA—Culture (FB 1148), Utilization (FB 1153).

Feeding Stuffs: PDA—1926 Analyses Report (GB 442).

Forage Resources: USDA—1923 YS 895 (includes pasturage, green feed, hay, straw, silage and grain).

Grasses: USDA—Important Cultivated (FB 1254), Secondary (FB 1433).

Hay: USDA—1924 YS 916, Haymaking (FB 943), Labor Saving Practices (FB 987), Grades (DC 326), Marketing (FB 1265), Hay and Feed Statistics (SB 11).

Meadows: USDA—Northern States (FB 1170).

Pastures: PSC—Kentucky Blue Grass (B 195), Permanent (EC 90).

Silage: PSC—Sunflower (B 172), Quality as Affected by Corn Maturity (B 207), Feeding Experiments (FB 178), Silo Building (EC 72); USDA—Making and Feeding (878).

Soy Beans: PSC—Hay for Milk (B 201); USDA—Culture (FB 973, 1520), Seed Harvesting (FB 886).

Sweet Clover: USDA—Growing (FB 797), Utilization (FB 820), Harvesting (FB 836).

Timothy: USDA—Culture (FB 990).

Vetch: PSC—Hairy or Winter (L 15); USDA—Common Varieties (DB 1289).

Grain Crops

Barley: USDA—1922 YS 891, Culture (FB 1464).

Buckwheat: PSC—Production in Pennsylvania (EC 99); USDA—1922 YS 891, Growing (FB 1062).

Corn: PDA—Corn Borer Control and Quarantine (GB 414); PSC—Seed Selection (EC 66); USDA—1921 YS 872, Cultivation (FB 414), Growing (FB 537), Borer Control (FB 1294, MC 84M), Cutting Machinery (FB 992), Diseases (FB 1176), Earworm (FB 1310).

Grain Futures: USDA—Chicago, Daily Data (SB 6).

Oats: USDA—1922 YS 891, Spring (FB 892), Fall (FB 1119).

Rye: USDA—1922 YS 891, Culture, Eastern States (FB 756), Statistics (SB 12).

Seed: PDA—Pennsylvania Seed Law (GB 361), 1926 Seed Analyses (GB 434); USDA—Marketing Hints (FB 1232), Statistics (SB 2).

Wheat: PDA—Marketing Problems in Pennsylvania (GB 393); PSC—Culture (B 148), Angoumois Moth (EC 97); USDA—Production and Marketing (1921 YS 873), Situation (1923 YS 892), Culture, Eastern States (FB 596, 1168, 1280), Hard Spring (FB 678, 1281), Angoumois Moth (FB 1156), Hessian Fly (FB 1083), Scab (FB 1224), Flag Smut (FB 1213), Take-all (FB 1226), Statistics (SB 12).

Fruits and Vegetables

Apples: PDA—Industry in Pennsylvania (GB 369), Maggot (C 1); PSC—Frog-Eye (B 162). Scab Control Materials (B 190), Orchard Fertility (B 192), Red Bugs (EC 88); USDA—Growing. East of Mississippi (FB 1360), Insects (FB 1270), Powdery Mildew (FB 1120) Scab (FB 1478), Storage Diseases (FB 1160); Marketing Barreled (FB 1080, DB 1416), Orchard Renovation (FB 1284).

Asparagus: PSC—Culture (L 19); USDA—(FB 829).

Beans: PDA—Mexican Beetle (GB 447); USDA—Culture (FB 289) Mexican Beetle (FB 289) Mexican Beetle (FB 1407) (MC 46).

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[1] In the interest of greater clearness and definiteness, the names applied to several of the series of USDA publications are being changed. The term "Department Bulletin" has long been a source of confusion, the public believing that the bulletins were for popular consumption whereas they contain strictly technical material. The Department Bulletin series will, after No. 1500 is reached, be designated as the Technical Bulletin series; the Department Circular series, after No. 425, will be designated as the Circular series, (also chiefly technical in nature); and the Miscellaneous Circular series, after No. 110, will be designated as the Miscellaneous Publication series. All the new series will begin with No. 1.

Blackberries: USDA—Growing (FB 1399), Diseases (FB 1488), Logan Culture (FB 998).

Cabbage: PSC—Variety Test (B 154), Black-leg Disease (B 199), Root Maggot (EC 93); USDA—Diseases (FB 1351, 1439), Marketing (FB 1423) (DB 1242).

Celery: PSC—Culture (L 18); USDA—Culture (FB 1269).

Cherries: USDA—East of Rocky Mountains (FB 776).

Cucumbers: USDA—Culture (FB 254), in Greenhouses (FB 1320).

Currants and Gooseberries: USDA—Culture (FB 1398).

Dewberries: USDA—Growing (FB 1403).

Frost: USDA—Prevention of Damage (FB 1096).

Fruit: PDA—Market for Pennsylvania (GB 446), Oriental Fruit Moth (GB 405); PSC—Budding and Grafting (EC 103); USDA—For Home Use (FB 1001), Standard Baskets (FB 1434).

Fruits and Vegetables: USDA—Production (1925 YS 931), Carload Shipment Statistics; Fruit (SB 8), Vegetables (SB 9), and Unloads (SB 7).

Gardens: PSC—Backyard (EC 53), Family Vegetable (EC 76); USDA—For Northern Farms (FB 937), City Home (FB 1044), Permanent (FB 1242), Diseases and Insects (FB 1371).

Grapes: PDA—Insects and Diseases (GB 433); USDA—Propogation (FB 471), Insects (1220).

Greenhouses: USDA—Construction and Heating (FB 1318), Injurious Insects (FB 1362).

Lettuce: PDA—"Drop" (B 165); USDA—Marketing (DB 1412), In Greenhouses (FB 1418).

Nurserymen: PDA—List of Licensed (GB 438).

Onions: PSC—Culture (L 20); USDA—Culture (FB 354), Diseases (FB 1060), Marketing (DB 1325), Seeds and Sets (FB 434), Thrips (FB 1007).

Peaches: PDA—Yellows and Little Peach (GB 439); USDA—Culture (FB 917), Marketing (FB 1266), Peach Borer (FB 1246) (DB 1169), Varieties (FB 918).

Pears: USDA—Growing (FB 482).

Peas: USDA—Canning (FB 1253, 1255).

Potatoes: PDA—Wart (GB 394), Seed Certification (GB 420), Pennsylvania as a market (GB 428), Seed Potato Circular (issued monthly); PSC—Wart (B 156), Insects (EC 58), Profitable Spraying (EC 94); USDA—Late Crop (FB 1064), Growing (FB 1190), Costs and Practices (DB 1188), Marketing (FB 1317), Grading (FB 753), Storage and Houses (FB 847), Growing Seed (FB 1332), Spraying (FB 1349), Diseases (FB 1367), Statistics (SB 10).

Raspberries: USDA—Culture (FB 887), Diseases (FB 1488).

Spinach: USDA—Shipment (FB 1189).

Storage: PSC—Bank Storage Cellars (B 191).

Strawberries: PSC—Culture in Pennsylvania (EC 106); USDA—Eastern States (FB 1028), Diseases (FB 1458), Marketing (FB 979).

Sweet Potatoes: USDA—Growing (FB 999), Diseases (FB 1059), Storage (FB 1442, 1267), Statistics (SB 10).

Tomatoes: PSC—Leaf Spot (B 177); USDA—Canning and Manufacture (FB 1233), Marketing (FB 1291), As a Truck Crop (FB 1338), Greenhouse (FB 1431).

Vegetables: USDA—Home Storage (FB 879), Seeds (FB 1390), Diseases and Insects (FB 1371).

Tobacco and Other

Tobacco: PDA—Cigar Tobacco Industry of Pennsylvania (GB 371), Pennsylvania Situation (GB 435); PSC—Preparing Cigar Leaf (L 16), Seed Beds (L 17); USDA—History and Status (1922 YS 885), Cigar Leaf of Pennsylvania (FB 416), Culture (FB 571), Curing (FB 523), Cutworm (FB 1494), Diseases (DB 1256).

Ginseng: USDA—Culture (FB 1184), Diseases (FB 736).

Maple Products: USDA—Sugar and Sirup Production (FB 1366).

Mushrooms: PDA (GB—Exhausted; now being revised); USDA—(FB 796), Pests (FB 789).

Insects and Diseases

(See also under respective crops)

European Corn Borer: (See Corn).

Fire Blight: PSC—(B 203).

Household: PDA—Insect Pests (GB 432).

Japanese Beetle: PDA—In Pennsylvania (GB 390), Sprays (GB 406), Grub (GB 440); USDA—Feeding Habits Influencing Control (DB 1154).

Leaf Roller: PSC—Red-banded (B 197, EC 96), Dusky (B 205).

Mexican Bean Beetle: (See Beans).

Oriental Fruit Moth: PDA—(GB 405).

Scale Insects: PDA—Injurious in Pennsylvania (GB 398).

Tent Caterpillar: USDA—(FB 662).

Soils, Fertilizers and Lime

Fertilizers: PDA—1926 Analyses Report (GB 444); PSC—Experiments (35 years, B 146; 40 years, B 175), Suggestions for Pennsylvania Conditions (EC 102), for Fall Sown Grains (L 14), on Dekalb Soil (B 155); USDA—Computation of Mixtures (DB 1280).

Lime: PDA—Analyses Report (GB 430), Sour Soils and Liming (GB 261); PSC—Value of Limestone (B 152), Requirements of Pennsylvania Soils (B 164); USDA—Liming Soils (FB 921).

Soils: PDA—Western Pennsylvania (GB 257) (Eastern, out of print); PSC—Lime Requirements (B 164).

Livestock, Poultry and Bees

Beef: PDA—Production in Pennsylvania (GB 235): PSC—Steer Feeding (B 145, 183); USDA—Supply (1921 YS 874), Barns (FB 1350), Growing (FB 1073), Calves (FB 1135, 1416), Slaughter (FB 1415), Breeds (FB 612), Judging (FB 1068).

Bees: USDA—Raising (FB 447). Foulbrood (European—FB 975; American—FB 1084), Wintering (FB 1012, 1014), In Clover Region (FB 1215), In Buckwheat Region (FB 1216).

Dairy: PSC—Computing Rations (B 161), Net Energy Values (B 142), Building Dairy House (EC 107), Feeding Soy Bean Hay (B 201), Milk Marketing in Pennsylvania (B 208): USDA—The Industry (1922 YS 879), Barns (FB 1342, 1393) Dairy House (FB 1244), Feeding (FB 743, 1336), Milk Production (FB 602, 976, 1315, 1473), Renting Farms (FB 1272), Tuberculosis (FB 1069), Care of Bulls (FB 1412), Udder Diseases (FB 1422), Breeds (FB 1433).

Feeding: PSC—Net Energy Values (B 142); USDA—Handbook (MC 12).

Hogs: PSC—Producing Pork (EC 56), Feeding (EC 77); USDA—Production and marketing (1922 YS 882), Production (FB 1437), Houses (FB 438, 1487), Cholera (FB 834) Diseases (FB 1244), Hogging-Down Crops (FB 614), Hog-Lot Equipment (FB 1490), Breeds (FB 1263), Judging (FB 1455), Lice and Mange (FB 1085), Castration (FB 1357), Statistics (SB 11, 18).

Horses: PDA—1925 Stallion Directory (GB 421); USDA—Selecting (FB 779), Breeding (FB 803), Feeding (FB 1030), Management (FB 1419), Breeds (Draft, FB 619; Light, FB 952), Dourine (FB 1146), Training Colts (FB 1368), Statistics (SB 5).

Mules: USDA—Production (FB 1341), Statistics (SB 5).

Poultry: PSC—Feeding Hens and Chicks (EC 82), Diseases (EC 85), Rearing Chicks (EC 86), Housing (EC 91), Marketing Eggs (EC 105), Animal Protein and Egg Production (B 206); USDA—The Industry (1924 YS 917), Accounts (FB 1427), Backyard (FB 1331), Brooding (FB 1366), Capons (FB 849), Culling (FB 112), Diseases (FB 1337), Ducks (FB 697), Feeding (FB 1067), Geese (FB 767), Guineas (FB 1391), Houses (FB 1413), Incubation (FB 1363). Management (FB 287), Marketing (FB 1377), Marketing Eggs (FB 1378), Mites and Lice (FB 801), Ticks (FB 1070), Turkeys (FB 1409).

Sheep: PSC—Raising (EC 49, Cross Breeding (B 163): USDA—The Industry (1923 YS 894), Raising (FB 810, 840), Diseases (FB 1155), Scab (FB 713), Ticks (FB 798), Sloughter (FB 1181). Breeds (FB 576). Judging (FB 1199), Castrating and Docking (FB 1134), Parasitic Diseases (FB 1330). Statistics (SB 3).

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Credit, Farm: USDA—1924 YS 915.

Farms: USDA—Selecting (FB 1088), Buying in Undeveloped Region (FB 1385), Lease Contracts (FB 1164), The Family Living (DB 1338), Renting Dairy (FB 1272).

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Land Tenure: USDA—Ownership and Tenancy (1923 YS 897), Economic Aspects of Ownership (DB 1322).

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Birds: USDA—Useful to Farmer (FB 630), Attracting (FB 621, 844), Houses (FB 1456), Food (FB 506), Winter Food Habits (DB 1249). (Also publications of the State Game Commission, Harrisburg, Pa.).

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PENNSYLVANIA DEPARTMENT OF AGRICULTURE

Organization and Services

C. G. JORDAN, *Secretary* R. G. BRESSLER, *Deputy Secretary*

This Department is essentially a service agency created by legislative enactment to deal with administrative, regulatory, investigational, and educational problems which can best be solved through public rather than individual action. The organization provides for coordination and cooperation with the Pennsylvania State College and the U. S. Department of Agriculture. The Department operates through the following bureaus:

ANIMAL INDUSTRY: T. E. MUNCE, *Director and State Veterinarian*

Prevents and Eradicates transmissible diseases of animals and poultry, including tuberculosis of animals in cooperation with Federal Government.

Demonstrates to veterinarians control methods for transmissible animal diseases;

Supervises vaccination for and the prevention of hog cholera, anthrax, black leg and hemorrhagic septicemia;

Protects public from unwholesome meats through ante and post mortem examinations of animals at slaughtering establishments;

Inspects, licenses and furnishes information as to breeding, soundness and conformation of stallions and jacks standing for public service;

Enforces law requiring licensing of dogs and providing for protection of livestock and people from attacks of uncontrolled dogs;

Maintains laboratory for diagnostic research and experimental projects.

PLANT INDUSTRY: R. H. BELL, *Director*

Tests agricultural seeds for purity and germination, and enforces State Seed Law;

Inspects orchards, parks, farms, and plant imports for injurious insects and plant diseases;

Inspects and licenses Pennsylvania nurseries, and licenses all dealers in nursery stock;

Makes investigations for the control of injurious insects and plant diseases including field tests of insecticides, fungicides and weed killers;

Enforces laws governing apicultural practices, disease control and housing;

Places and enforces quarantines and carries on eradication campaigns against insect pests and plant diseases;

Inspects and certifies potatoes for seed purposes;

Maintains collections of insects, plant diseases, plants, and seeds, and identifies specimens.

FOODS AND CHEMISTRY: JAMES W. KELLOGG, *Director—Chief Chemist*

Accomplishes its purpose of protecting Pennsylvania homes against harmful foodstuffs by sampling analyzing, and bringing prosecution under the laws relating to foods and non-alcholic drinks, including milk, cream, butter, ice-cream, eggs, sausage, fresh meats, soft drinks, fruit syrups, vinegar and kindred food products;

Regulates and issues licenses for the manufacture and sale of oleomargarine;

Licenses and regulates egg-opening plants and cold storage warehouses, maintaining regular inspection and enforcing twelve-month storage limit;

Inspects milk plants and creameries and regulates weighing, testing, buying and selling of milk and cream on a butterfat basis;

Protects honest manufacturers, importers, selling agents and ultimate users of feeding stuffs, fertilizers, lime products, linseed oil, paint, putty, turpentine, insecticides and fungicides, by means of annual registrations followed by inspections, analyses, prosecutions and the publication of the analyses of these products;

Analyzes special samples for residents of the State at the rate of $1.00 a sample for feeding stuffs, lime products and linseed oils.

MARKETS: GEO. A. STUART, *Acting Director*

Investigates and assists in the marketing of farm products; at present chiefly grain and hay, fruits and vegetables, poultry and eggs, and tobacco;

Compiles and distributes daily market information as to supplies, shipments and prices;

Advises growers on transportation of agricultural products;

Assists cooperative associations and public markets;

Establishes standard grades of farm products and maintains inspection.

STATISTICS: L. H. WIBLE, *Director*

Assembles and disseminates essential statistics and facts pertaining to the agriculture of the State, from monthly reports rendered by hundreds of volunteer crop correspondents, information which assists the producer in his sales and interests all industries which deal with agricultural products;

Cooperates with U. S. Bureau of Agricultural Economics in joint crop and livestock reporting and publishes annual and monthly summaries of the data;

Compiles dates of county and local fairs and assembles data pertaining to their success and results during each year.